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McGraw-Hill

Onan

Parts Manual

NH
**R.V. Electric
Generating Sets**

GENERAL INFORMATION

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit.

1. Always give the MODEL, SPEC NO. and SERIAL NO.

The diagram shows a rectangular nameplate with rounded corners. At the top center, the text "McGRATH-EDISON" is printed in a bold, sans-serif font. Below this, the "Onan" logo is prominently displayed in a large, stylized font. Underneath the logo is a long, empty rectangular box. Below this box, the text "MODEL AND SPEC NO." is printed. Further down is another empty rectangular box. To the left of this box, the text "SERIAL NO." is printed. The bottom right corner of the nameplate is folded over, revealing a smaller section with the text "MS-114C" printed on it.

For handy reference, insert "YOUR" nameplate information in the spaces above.

2. Do not order by reference number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered

This catalog applies to the standard NH Recreationai Vehicle generator set. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the *Model* and *Spec No.* from the nameplate, select parts from this catalog that apply to your set. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left sides are determined by facing the engine end (front) of the set.

DATA TABLE

MODEL AND SPEC	ELECTRICAL DATA				
	WATTS	VOLTS	HERTZ	WIRE	PHASE
6.5NH-3CR/**	6500	120/240	60	**	1

- * - The Specification Letter advances (A to B, B to C, etc.) with manufacturing changes.
- ** - Plant is reconnectable for 120 volt, 2 wire, 240 volt, 2 wire or 120/240 volt, 3 wire service.
The letter R in MODEL and SPEC denotes electric start with start-stop at both the set and the remote control.

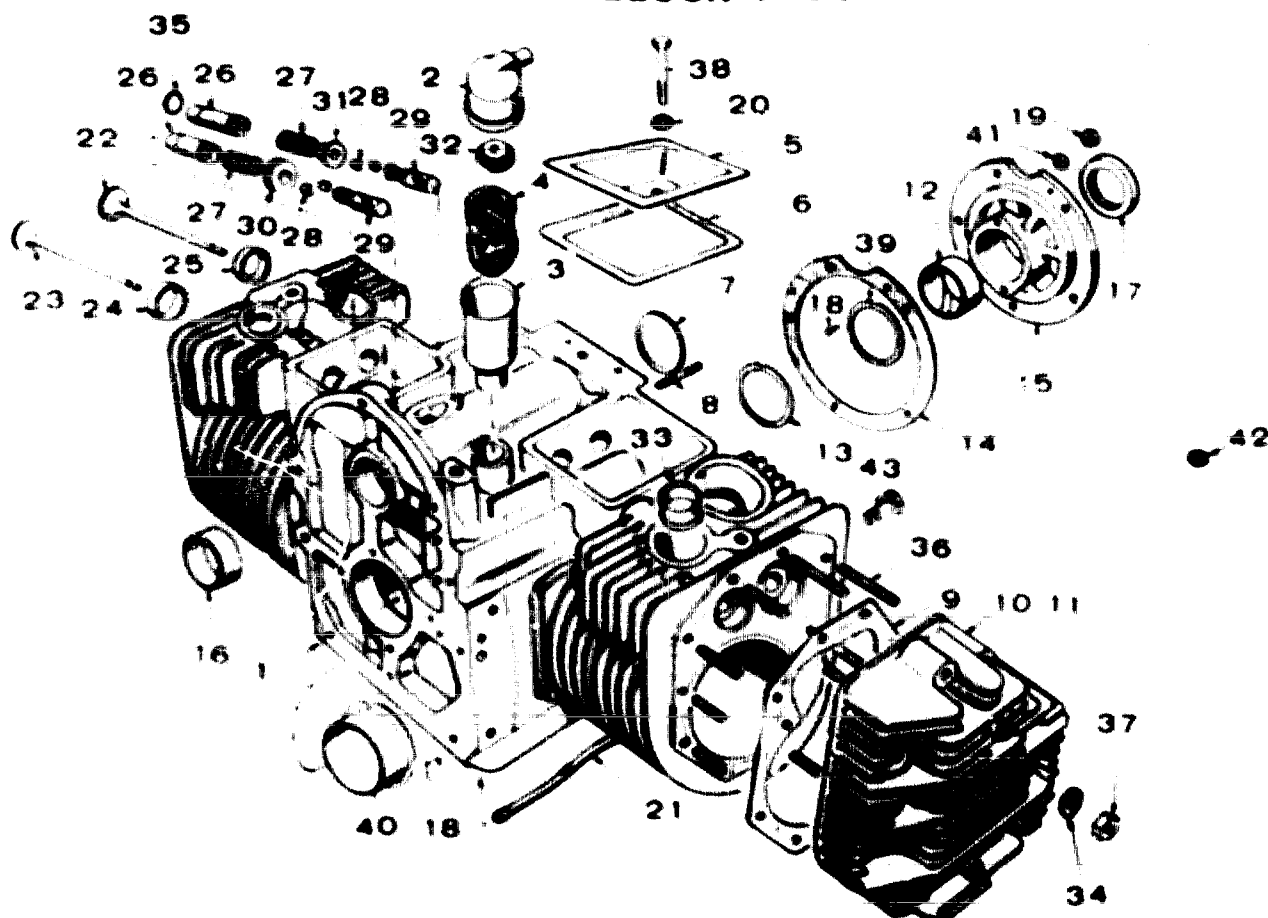
NOTE: Hertz is a unit of frequency equal to one cycle per second.

SERVICE KITS AND MISCELLANEOUS

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	98-1100	1	Decal Kit
	168-0115	1	Gasket Kit, Carbon Removal
	168-0113	1	Gasket Kit, Complete Engine
	160-0836	1	Ignition Tune-up Kit
	522-0137	1	Overhaul Kit, Engine
	525-0137	1	Paint, Touch-up Enamel (Green) 16-ounce Pressurized Can

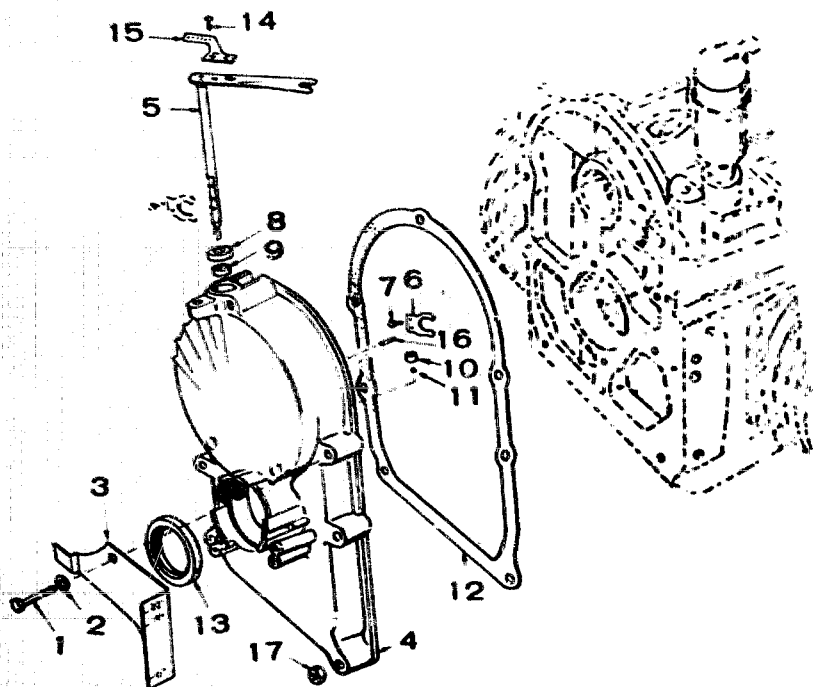
NOTICE!

ITEMS REFERENCED AS **OPTIONAL** INDICATE PART IS FACTORY INSTALLED AND MAY NOT BE APPLICABLE TO ALL MODELS. FOR FIELD CONVERSIONS ADDITIONAL PARTS ARE USUALLY REQUIRED.



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1835	1	Block Assembly, Cylinder (Includes Parts Marked *)	110-1717-02	2	002" Oversize	
2	123-0787	1	Cap, Breather	110-1717-05	2	005" Oversize	
3	123-0645	1	Tube, Breather	110-1717-10	2	010" Oversize	
4	123-0865	1	Baffle, Breather Tube	110-1717-25	2	025" Oversize	
5	110-1624	2	Cover, Valve Compartment	Begin at Serial #415137 During Spec C			
6	110-1720	2	Gasket, Valve Cover	110-1933	2	Standard	
7	517-0048	1	Plug, Camshaft Expansion	110-1933-02	2	002" Oversize	
8	520-0736	5	Stud, Rear Bearing Plate Mounting	110-1933-05	2	005" Oversize	
9	110-1731	2	Gasket, Cylinder Head	110-1933-10	2	010" Oversize	
10	110-1905	1	Head, Cylinder - (2) RH	110-1933-25	2	025" Oversize	
11	110-1906	1	Head, Cylinder - (1) LH	26	110-1939	4	Guide, Valve
12	BEARING, CRANKSHAFT - REAR			27	110-0539	4	Spring, Valve
	101-0450	1	Standard	28	110-0639	8	Lock, Valve & Spring Retaining
	101-0450-02	1	002" Undersize	29	TAPPET, VALVE		
	101-0450-10	1	010" Undersize		115-0006	4	Standard
	101-0450-20	1	020" Undersize		115-0006-05	4	005" Oversize
	101-0450-30	1	030" Undersize	30	110-0904	2	Rotacap, Exhaust Valve
13	104-0575	2	Washer, Crankshaft Bearing Thru*	31	110-0893	2	Retainer - Intake Valve
14	101-0415	1	Gasket, Bearing Plate	32	123-0315	1	Valve, Breather
15	101-0439	1	Plate, Rear Bearing (Excludes Bearing - Includes Pins)	33	154-1424	2	Insert, Exhaust Port
16	101-0405	2	Bearing, Camshaft Front & Rear (Precision)	34	526-0250	20	Washer, Flat - Cylinder Head Stud
17	509-0041	1	Seal, Bearing Plate	35	110-0068	2	Gasket, Valve Guide (Intake)
18	516-0072	4	Pin, Main Bearing Stop	36	STUD, CYLINDER HEAD MOUNTING		
19	104-0091	5	Nut, Bearing Plate Stud		520-0717	8	3/8 x 1-7/8"
20	526-0063	2	Washer (Copper), Valve Compartment Cover		520-0715	8	3/8 x 2-3/4"
21	120-0680	1	Tube, Crankcase Oil		520-0716	4	3/8 x 2-1/2"
22	110-1718	2	Valve, Intake	37	104-0091	20	Nut, Flange - Cylinder Head Stud
23	110-1719	2	Valve, Exhaust - Chrome Cobalt Alloy	38	800-0011	2	Screw, Hex Head (1/4-20 x 2")
24	INSERT, EXHAUST VALVE SEAT (Chrome Cobalt Alloy)			39	104-0776	As Req	Shim (.005"), Crankshaft Thrust
	110-1716	2	Standard	40	BEARING, CRANKSHAFT - FRONT		
	110-1716-02	2	002" Oversize		101-0432	1	Standard
	110-1716-05	2	005" Oversize		101-0432-02	1	002" Undersize
	110-1716-10	2	010" Oversize		101-0432-10	1	010" Undersize
	110-1716-25	2	025" Oversize		101-0432-20	1	020" Undersize
25	INSERT VALVE SEAT - INTAKE				101-0432-30	1	030" Undersize
				41	526-0251	5	Washer, Flat (3/8") - Bearing Plate Stud
				42	115-0025	1	Nut, Hex - Valve Box Cover - Spec A Only
				43	800-0046	2	Screw, Hex Head (3/8-16 x 1/2")
				* Included in 110-1835 Cylinder Block Assembly			

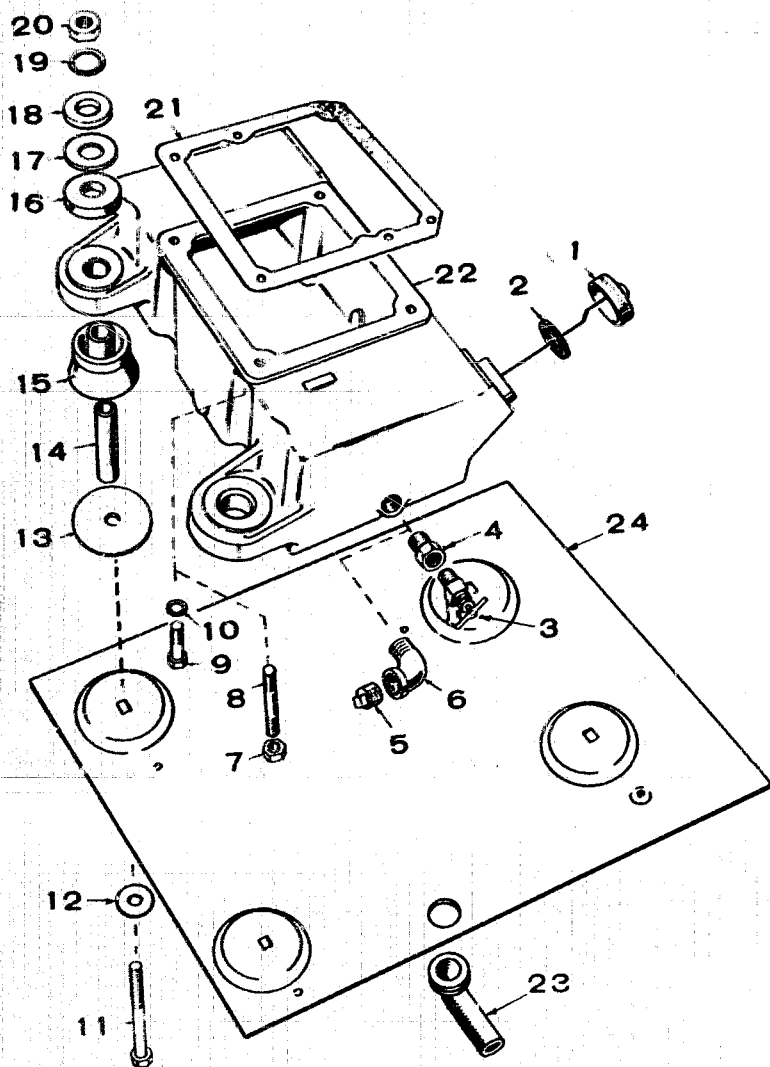
GEAR COVER GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	SCREW, GEAR COVER TO BLOCK		
	800-0032	4	5/16-18 x 1-3/4
	800-0034	1	5/16-18 x 2-1/4"
2	526-0065	5	Washer, Flat, Copper (5/16)
3	166-0519	1	Bracket, Timing
4	103-0329	1	Gear Cover Assembly (Includes Parts Marked £)
5	150-1260	1	£Shaft & Arm, Governor
6	150-1187	1	£Yoke, Governor Shaft
7	815-0046	2	£Screw, Yoke Mounting
8	509-0008	1	£Seal, Oil
9	510-0013	1	£Bearing, Shaft (Upper)
10	510-0008	1	£Bearing, Shaft (Lower)
11	510-0014	1	£Ball, Bearing, Shaft
12	103-0011	1	Gasket, Gear Cover
13	509-0040	1	£Seal, Oil
14	815-0181	1	Screw, Extension Mounting
15	150-1073	1	Extension, Governor Arm
16	516-0141	2	Pin, Dowel (5/16" x 1-1/8")
17	110-0445	5	Nut, Hex - Spec A Only

£ - Included in Gear Cover Assembly.

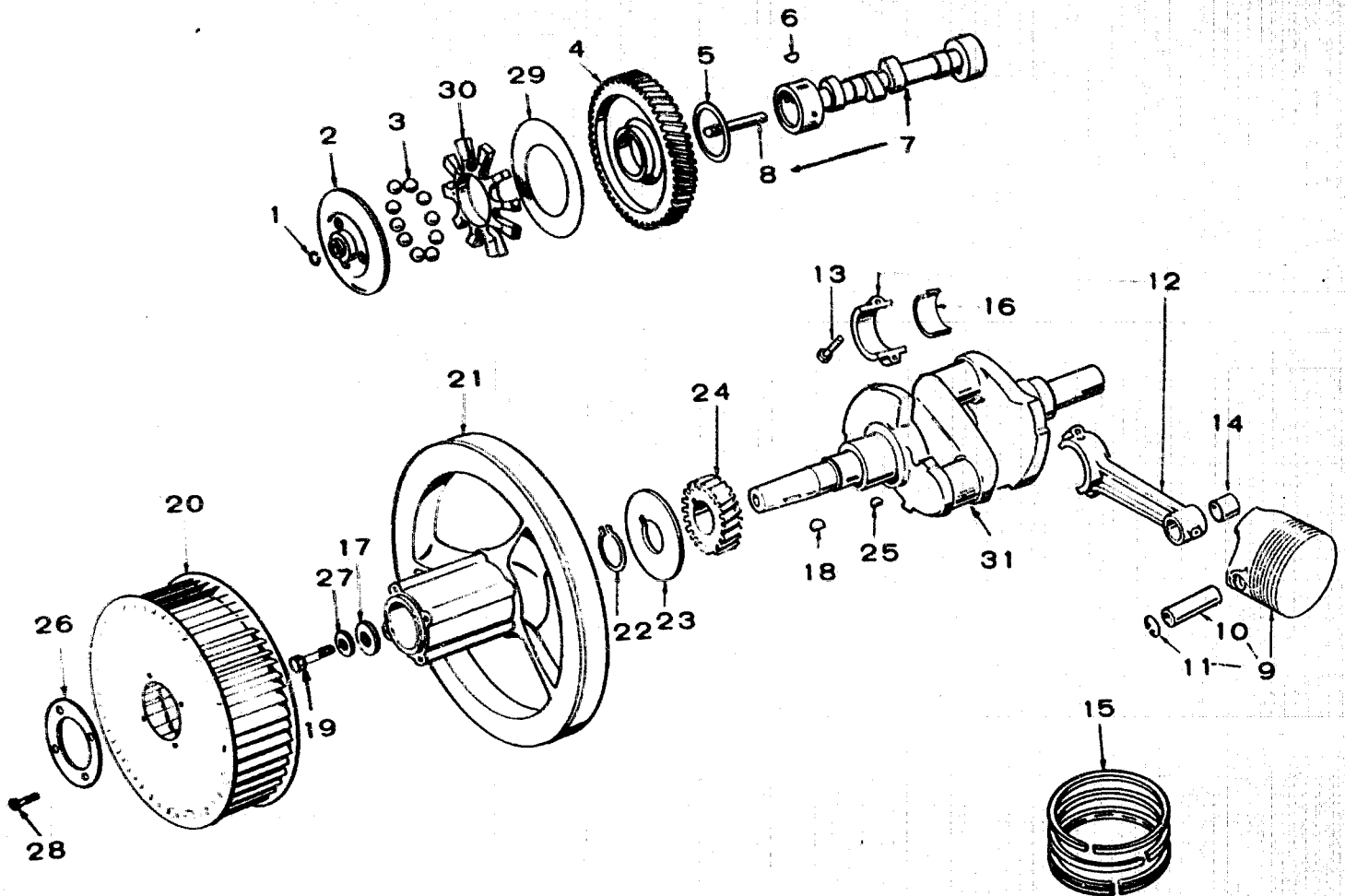
OIL BASE AND MOUNTING PLATE GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	123-0489	1	Cap & Indicator, Oil Fill
2	123-0191	1	Gasket, Oil Fill Cap
3	504-0092	1	Valve, Oil Drain (3/8") - Begin Spec D
4	505-0019	1	Reducer (1/2" x 3/8") - Begin Spec D
5	505-0056	1	Plug - Spec A through C
6	505-0050	1	Elbow, Street - Spec A through C
7	104-0091	4	Nut, Hex - Spec A through C
8	520-0712	4	Stud, Oil Base to Block -Spec C Only
9	800-0051	4	Screw (3/8-16 x 1-1/4") - Begin Spec D
10	850-0050	4	Lockwasher (3/8")
11	800-0082	4	*Screw (7/16-14 x 3-3/4")
12	526-0032	4	*Washer, Flat (7/8" O.D. x 1/16")
13	526-0195	4	*Washer, Flat (3-1/4" O.D. x 1/8")
14	402-0290	4	*Spacer
15	402-0284	4	Cushion
16	402-0282	4	*Snubber
17	526-0198	8	*Washer, Flat (1-1/2" O.D. x 1/16")
18	526-0014	4	*Washer, Flat (1-1/2" O.D. x 1/8")
19	850-0055	4	*Lockwasher (7/16")
20	862-0004	4	*Nut, Hex (7/16-14)
21	102-0646	1	Gasket, Oil Base
22	102-0672	1	Oil Base
23	HOSE, OIL DRAIN		
	503-0391	1	Early Models, Spec A through C
	122-0345	1	Late Models, Spec C and Begin Spec D
24	PLATE, MOUNTING - OPTIONAL		
	403-0958	1	Spec A through C
	403-1010	1	Begin Spec D
	402-0364	1	Hardware Package, Mounting (Includes Parts Marked *)

* - Included in Hardware Package.

CAMSHAFT, CRANKSHAFT, FLYWHEEL AND PISTON GROUP

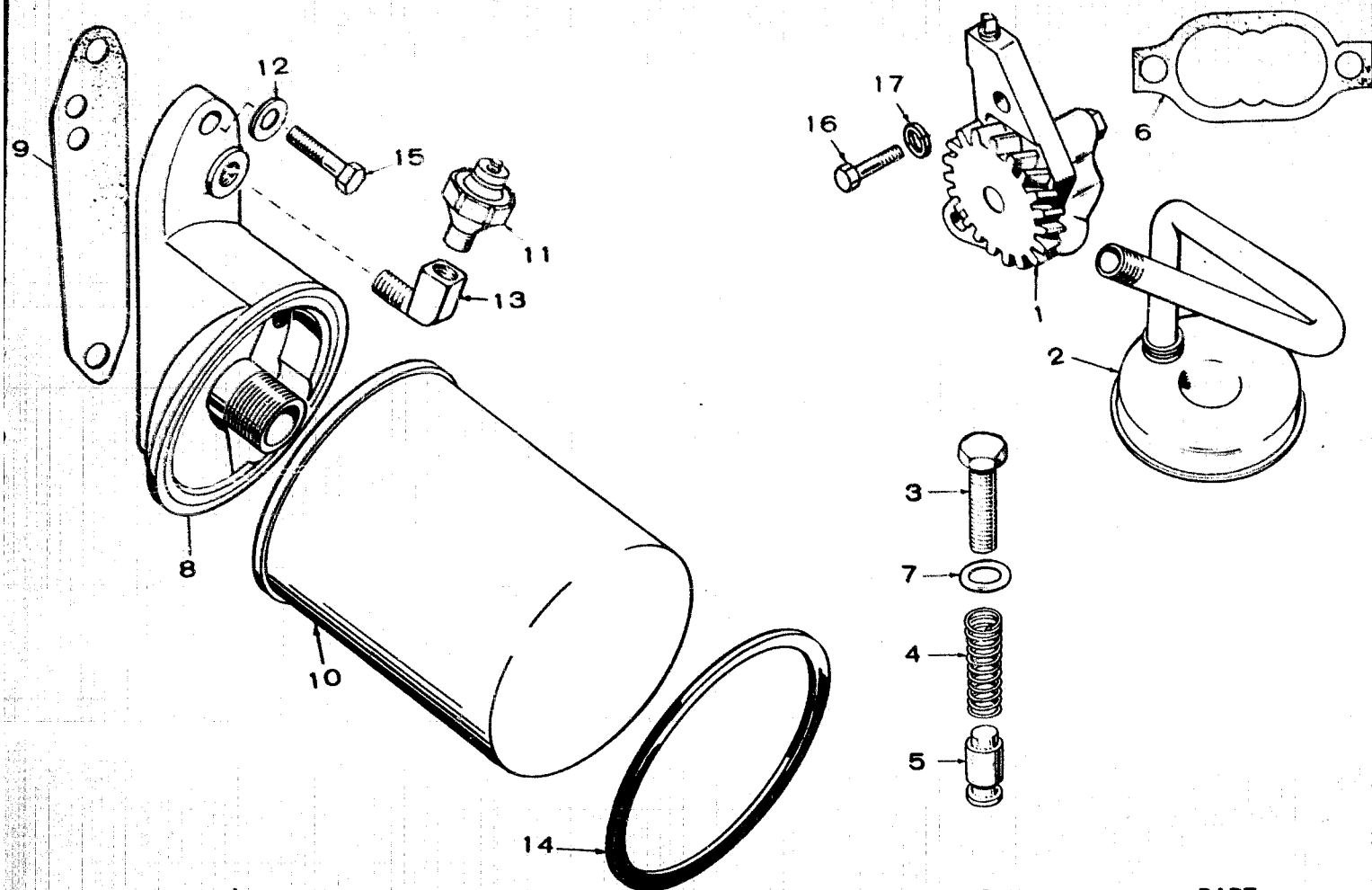


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0078	1	Ring, Camshaft Center Pin
2	150-1116	1	Cup, Governor
3	510-0015	10	Ball, Fly - Governor
4	105-0332	1	Gear, Camshaft
5	105-0004	1	Washer, Camshaft Gear Thrust
6	515-0001	1	Key, Camshaft Gear Mounting
7	105-0309	1	Camshaft (Includes Center Pin)
8	150-0075	1	Pin, Center - Camshaft
9	PISTON AND PIN (INCLUDES RETAINING RINGS)		
	112-0141	2	Standard
	112-0141-05	2	.005" Oversize
	112-0141-10	2	.010" Oversize
	112-0141-20	2	.020" Oversize
	112-0141-30	2	.030" Oversize
	112-0141-40	2	.040" Oversize
10	112-0112	2	Pin, Piston
11	518-0294	4	Ring, Piston Pin Retaining
12	114-0203	2	Rod, Connecting (Includes Bushing & Bolts Marked *)
13	805-0010	4	*Bolt, Place - Connecting Rod Cap
14	114-0036	2	*Bushing, Piston Pin - Connecting Rod
15	RING SET, PISTON - Gasoline Fueled Sets		
	113-0165	2	Standard
	113-0165-05	2	.005" Oversize
	113-0165-10	2	.010" Oversize
	113-0165-20	2	.020" Oversize
	113-0165-30	2	.030" Oversize
	113-0165-40	2	.040" Oversize

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	113-0166	2	Gaseous Fueled Sets Standard
	113-0166-05	2	.005" Oversize
	113-0166-10	2	.010" Oversize
	113-0166-20	2	.020" Oversize
	113-0166-30	2	.030" Oversize
	113-0166-40	2	.040" Oversize
16	BEARING HALF, CONNECTING ROD		
	114-0188	4	Standard
	114-0188-02	4	.002" Undersize
	114-0188-10	4	.010" Undersize
	114-0188-20	4	.020" Undersize
	114-0188-30	4	.030" Undersize
17	526-0017	1	Washer, Wheel Mounting
18	515-0227	1	Kit, Key Wheel Mounting
19	104-0170	1	Screw, Wheel Mounting
20	134-2130	1	Wheel, Blower
21	104-0739	1	Flywheel
22	518-0014	1	Lock, Crankshaft Gear Washer
23	104-0043	1	Washer, Crankshaft Gear Retaining
24	104-0032	1	Gear, Crankshaft
25	515-0001	1	Key, Crankshaft Gear Mounting
26	134-0911	1	Plate, Blower Wheel
27	850-0055	1	Washer, Lock (7/16)
28	821-0018	4	Screw, Hex Locking Head (1/4 x 5/8") Blower Wheel Mount
29	150-0077	1	Plate, Flyball
30	150-1257	1	Spacer, Flyball
31	104-0731	1	Crankshaft

* - Parts included with Connecting Rod.

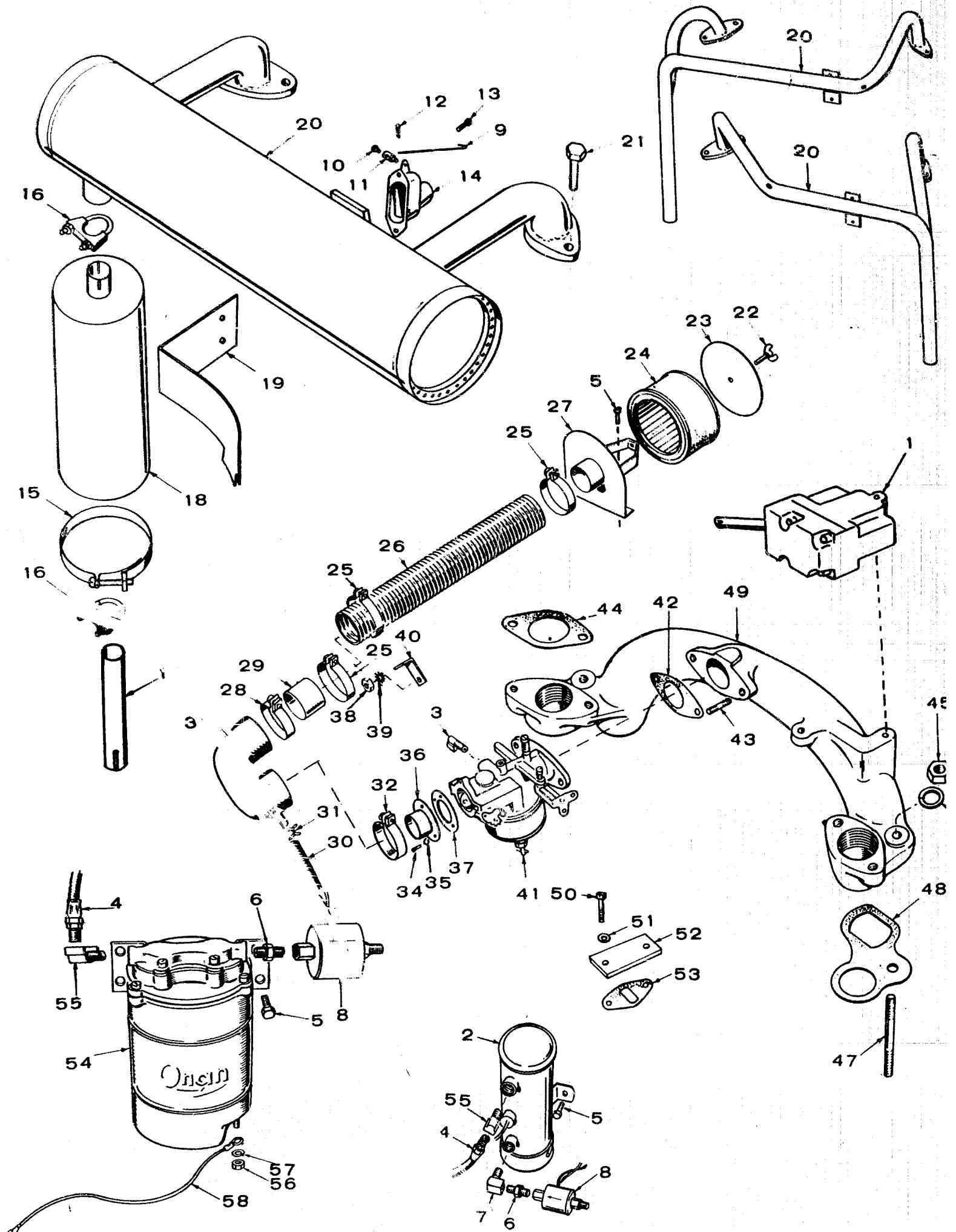
OIL SYSTEM GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0491	1	Pump, Oil (Components Not Sold Separately)
2	120-0400	1	Intake, Oil Pump - Includes Cup, Screen & Pipe
3	801-0050	1	Screw, Hex Head Cap (3/8-24 x 1")- Oil By-Pass
4	120-0140	1	Spring, By-Pass Valve
5	120-0398	1	Valve, By-Pass
6	120-0161	1	Gasket Kit, Oil Pump
7	526-0066	1	Washer, Oil Pressure Relief Valve Adjusting Screw
8	122-0320	1	Adapter, Oil Filter

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	122-0321	1	Gasket, Adapter
10	122-0323	1	Filter, Oil (Includes Gasket)
11	309-0237	1	Switch, Low Oil Pressure
12	526-0065	2	Washer (Copper), Adapter Mounting
13	500-0190	1	Elbow, Street (90°)
14	122-0347	1	Gasket, Filter
15	500-0028	2	Screw, Hex Head Cap (5/16-18 x 1")- Adapter Mounting
16	800-0007	2	Screw, Hex Head Cap (1/4-20 x 1")- Oil Pump Mounting
17	850-0040	2	Washer, Lock (1/4")

FUEL SYSTEM AND EXHAUST GROUP



FUEL SYSTEM AND EXHAUST GROUP

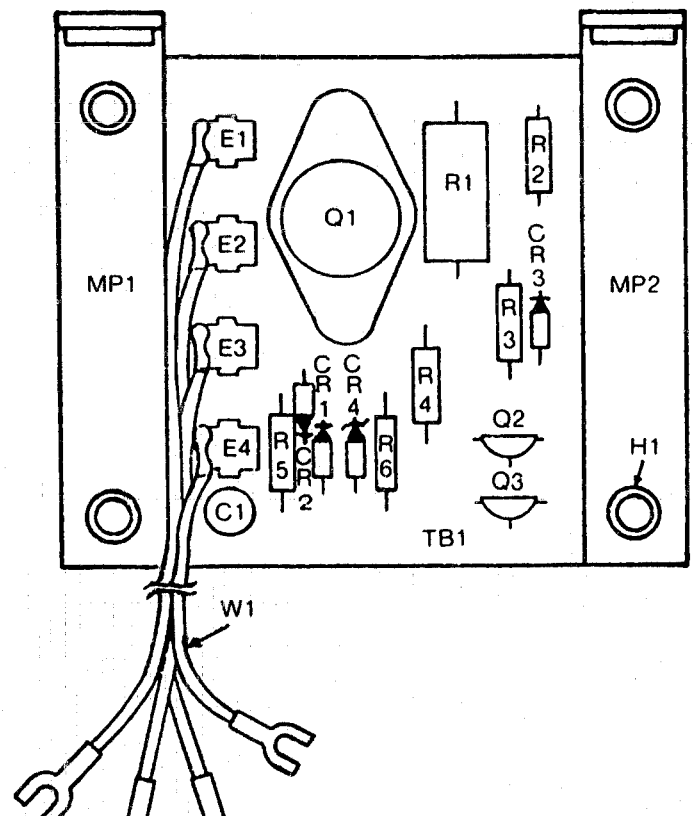
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-1029	1	*Vacuum Booster	30	503-0486	1	Hose, Air
2	149-0650	1	*Pump, Fuel (Spec A through Serial #0575948597, During Spec D)	31	503-0171	1	Clamp, Hose
3	502-0002	1	Elbow - 90°	32	503-0280	1	Clamp, Hose
4	LINE, FUEL			33	140-1157	1	Elbow, Air Inlet
	501-0122	1	Spec A through C	34	815-0199	3	Screw, Fillister Head (10-32 x 5/16")
	501-0197	1	Begin Spec D	35	850-0030	3	Washer, Lock (10)
5	821-0009	4	Screw, Hex Head (1/4-20 x 3/8)	36	145-0398	1	Adapter, Air Inlet
6	502-0082	1	Nipple, Hex	37	140-0921	1	Gasket, Adapter
7	502-0099	1	Elbow	38	868-0002	2	Nut, Hex (5-16 x 24)
8	307-1279	1	Valve, Fuel Line	39	854-0017	2	Washer, Lock - External Tooth (5-16)
9	153-0443	1	Linkage, Choke	40	140-1150	1	Bracket, Air Hose
10	815-0104	1	Setscrew (8-32 x 5/16")	41	141-0806	1	*Carburetor, Gasoline
11	152-0155	1	Swivel, Linkage	42	141-0281	1	Gasket, Carburetor
12	516-0059	1	Pin, Cotter	43	520-0526	2	Stud, Carburetor Mounting
13	815-0261	2	Screw, Hex Head (10-32 x 3/8")	44	154-1383	2	Gasket, Exhaust Manifold
14	153-0223	1	Choke, Electric - Sisson	45	104-0091	2	Nut, Hex (3/8-24)
15	503-0621	1	Clamp, Muffler				Manifold Mounting
16	155-1015	2	Clamp, Muffler	46	850-0050	2	Washer, Lock (3/8)
17	155-1195	1	Tube, Exhaust	47	520-0713	2	Stud, Manifold Mounting
18	155-1181	1	Muffler, Exhaust	48	154-1250	2	Gasket, Engine - Manifold
19	155-1188	1	Support, Muffler	49	154-1385	1	Manifold, Intake
20	MANIFOLD, EXHAUST			50	800-0004	2	Screw, Hex Head (1/4-20 x 5/8")
	155-1186	1	Air Cooled	51	526-0063	2	Washer, Flat, Copper (1/4)
	154-1524	1	Left Hand Down - Optional	52	149-0136	1	Plate, Cover
	154-1525	1	Right Hand Down - Optional	53	149-0003	1	Gasket, Cover
21	821-0016	4	Screw, Hex Head (5/16-18 x 3/4")	54	149-1304	1	£ *Pump, Fuel (Used Starting with Serial #0575948597, During Spec D)
22	518-0056	1	Screw, Wing	55	502-0002	1	Elbow - 90°
23	140-1153	1	Cover, Air Cleaner	56	860-0008	1	Nut, Hex (8-32)
24	140-0495	1	Cartridge, Air Cleaner	57	850-0025	1	Washer, Lock - Spring (#8)
25	503-0004	3	Clamp, Hose	58	336-2345	1	£ Lead, Electrical - Optional
26	503-0628	1	Hose, Air				
27	140-1173	1	Bracket, Air Cleaner				
28	503-0851	1	Clamp, Hose				
29	140-1151	1	Tube, Air Inlet				

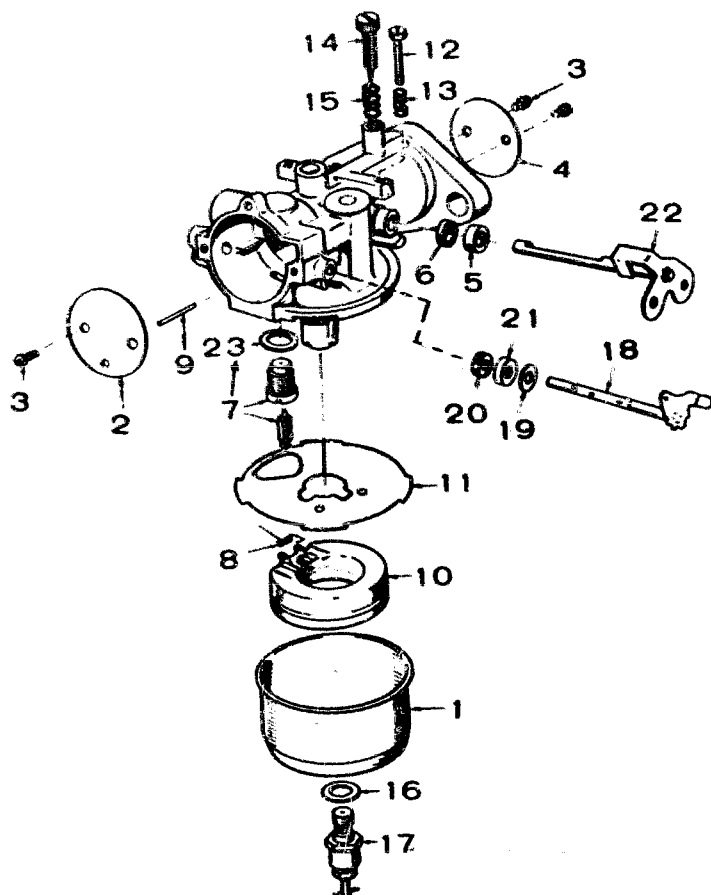
£ - Use in conversion from Pump #149-0650 to Pump #149-1304

* - See Separate Group for Components and Service Kits.

DISCONNECT ADAPTER CONTROL GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-1227	1	Control, Disconnect Adapter
C1	356-0059	1	Capacitor, 2.2 Mfd 20% 35 vdc
CR1	357-0004	1	Rectifier
CR2	357-0004	1	Rectifier
CR3	357-0004	1	Rectifier
CR4	359-0036	1	Diode
E1-4	332-1511	4	Terminal, Lug
H1	818-0005	4	Rivet, Blind
MP1	332-1656	1	Bracket, Mounting
MP2	332-1656	1	Bracket, Mounting
Q1	362-0035	1	Transistor
Q2	362-0011	1	Transistor
Q3	362-0011	1	Transistor
R1	350-1124	1	Resistor 100-Ohm, 2 Watt, 10%
R2	350-0536	1	Resistor 1000-Ohm, 1/2 Watt, 10%
R3	350-0527	1	Resistor 180-Ohm, 1/2 Watt, 10%
R4	350-0396	1	Resistor 2400-Ohm, 1/2 Watt, 5%
R5	350-0398	1	Resistor 3000-Ohm, 1/2 Watt, 5%
R6	350-0411	1	Resistor 10,000-Ohm, 1/2 Watt, 5%
TB1	332-1833	1	Printed Wiring Board
W1	338-0935	1	Wiring Harness





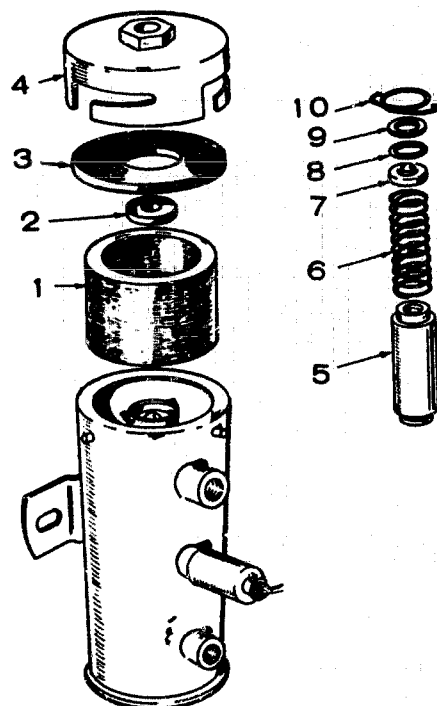
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	141-0806	1	Carburetor, Gasoline
	141-0747	1	Repair Kit (Includes Parts Marked *)
	141-0748	1	Gasket Kit (Includes Parts Marked †)
	141-0281	1	*†Gasket, Carburetor Flange
1	141-0708	1	Bowl, Fuel
2	141-0771	1	Plate, Choke
3	141-0698	4	Screw & Washer, Choke and Throttle Plate Mounting
4	141-0817	1	Plate, Throttle
5	141-0705	1	*Retainer, Seal
6	141-0661	1	*†Seal, Rubber
7	141-0830	1	*Valve Seat Assembly, Fuel
8	141-0799	1	*Spring, Float
9	141-0703	1	*Shaft, Float
10	141-0702	1	Float Assembly
11	141-0701	1	*†Gasket, Bowl to Body
12	141-0700	1	Screw, Throttle Stop
13	141-0711	1	Spring, Throttle Stop
14	141-0713	1	Needle, Idle Adjusting
15	141-0710	1	Spring, Idle Needle
16	141-0077	1	*†Washer, Main Jet Assembly
17	141-0816	1	Jet Assembly, Main, Adjustable
18	141-0742	1	Shaft, Choke
19	141-0699	1	Washer
20	141-0697	1	*†Seal, Felt
21	141-0203	1	*Retainer, Felt Seal
22	141-0709	1	Shaft & Lever, Throttle
23	141-0077	1	†Gasket, Fuel Valve Seat

* - Parts contained in Repair Kit.

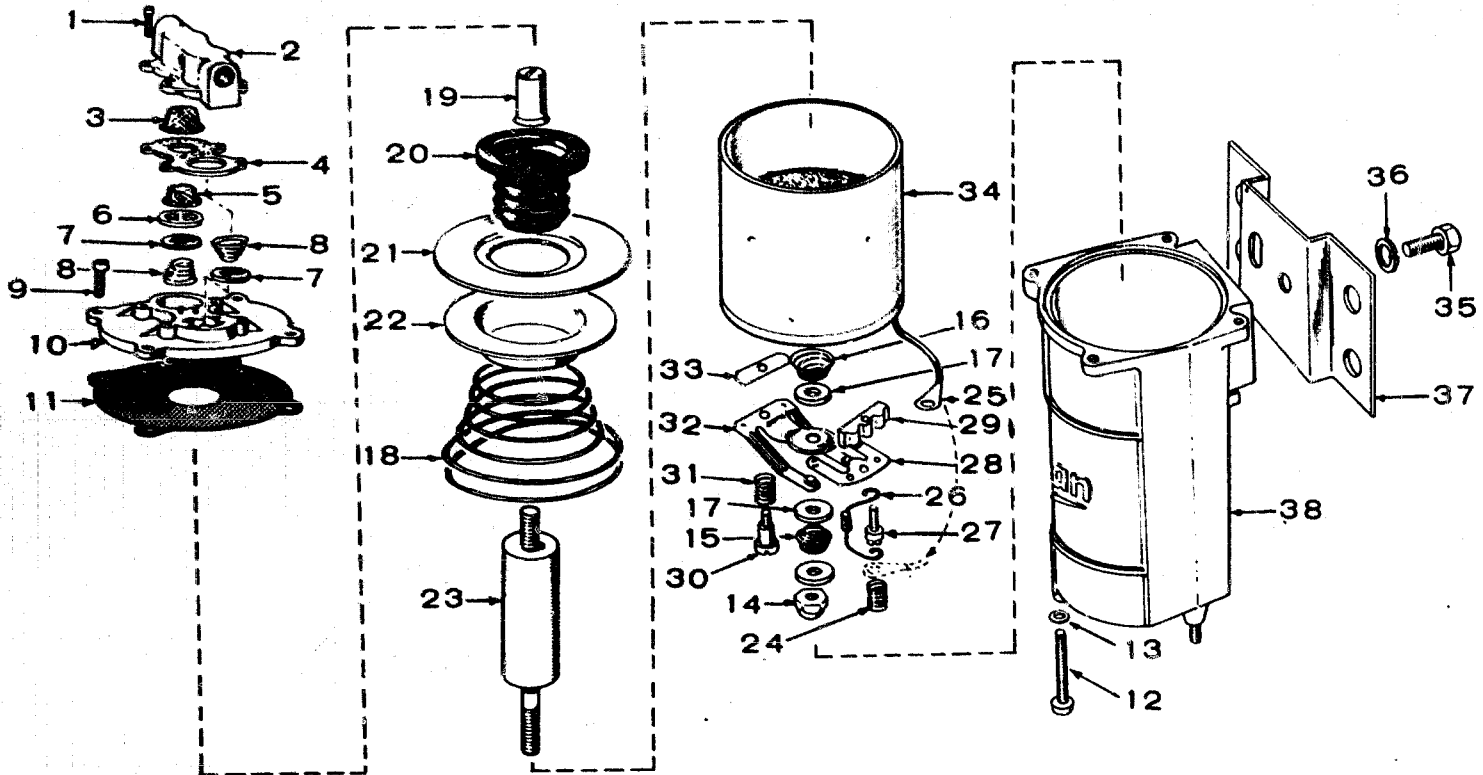
† - Parts contained in Gasket Kit.

FUEL PUMP PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-0650	1	Pump, Fuel
1	149-1445	1	Filter
2	149-1447	1	Magnet
3	149-1446	1	Gasket, Cover
4	149-1453	1	Cover
5	149-1452	1	Plunger
6	149-0767	1	Spring, Plunger Return
7	149-1451	1	Spring Cup & Valve
8	149-1450	1	Gasket, Spring Cup
9	149-1449	1	Washer, Cup Gasket
10	149-1448	1	Retainer, Cup & Plunger



FUEL PUMP PARTS GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	149-1304 #	1	Pump, Fuel (Electric)
2	£	4	Screw, Fillister Locking
3	149-1397	1	Head, Cross-Recessed, Steel (8-32 x 3/8")
4	149-1399	1	Valve Cap, Pump
5	149-1398	1	Screen, Filter (7/8" Dia.)
6	£	1	Gasket, Cap to Housing, Valve
7	149-1400	2	Screen, Filter (5/8" Dia.)
8	£	1	Seat, Valve, Pump
9	#	2	Disc, Valve, Pump
10	£	2	Spring, Valve, Pump
11	149-1401†	4	Screw, Fillister Locking Head, Cross-Recessed, Steel (8-32 x 3/8")
12	#	1	Housing, Valve, Pump
13	#	1	Gasket, Valve Housing to Pump Body
14	*	2	Screw, Binder Head, Cross-Recessed, Steel (8-32 x 15/16")
15	*	2	Washer, Flat, Fiber (No. 8)
16	*	1	Nut, Hex, Acorn, Sheet Metal (No. 8)
17	*	1	Spring, Helical, Compression (Barrel Shaped)
18	†	1	Spring, Helical, Compression (Flat Coil)
19	†	3	Washer, Insulating, Nylon (No. 8)
20	†	1	Spring, Helical, Compression (Bellows Pressure)
		1	Nut, Retaining, Bellows
		1	Bellows, Fuel Pump

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
21	£	1	Plate, Retaining, Bellows
22	£	1	Plate, Retaining, Spring
23	£	1	Armature, Fuel Pump
24	*	1	Spring, Helical, Compression (Electrical Connection)
25	£	1	Lug, Terminal (Coil Lead)
26	*	1	Diode
27	*	1	Screw, Special, Nylon
28	*	1	Plate, Terminal, Point
29	*	1	Insulator, Spacer
30	*	1	Screw, Binder Head, Slotted, Shoulder, Brass (8-32 x 15/16")
31	£	1	Spring, Helical, Compression (Point Damper)
32	*	1	Plate Assembly, Breaker Point
33	*	1	Insulator, Breaker Plate
34	£	1	Coil Assembly, Fuel Pump
35	#	2	Screw, Hex Head, Steel (1/4-20 x 1/2")
36	#	2	Washer, Lock, Steel (1/4)
37	£	1	Bracket, Fuel Pump Mounting
38	£	1	Case, Fuel Pump Body
	149-1395	1	Repair Kit, Point (Includes Parts Marked *)
	149-1396	1	Repair Kit, Bellows (Includes Parts Marked †)

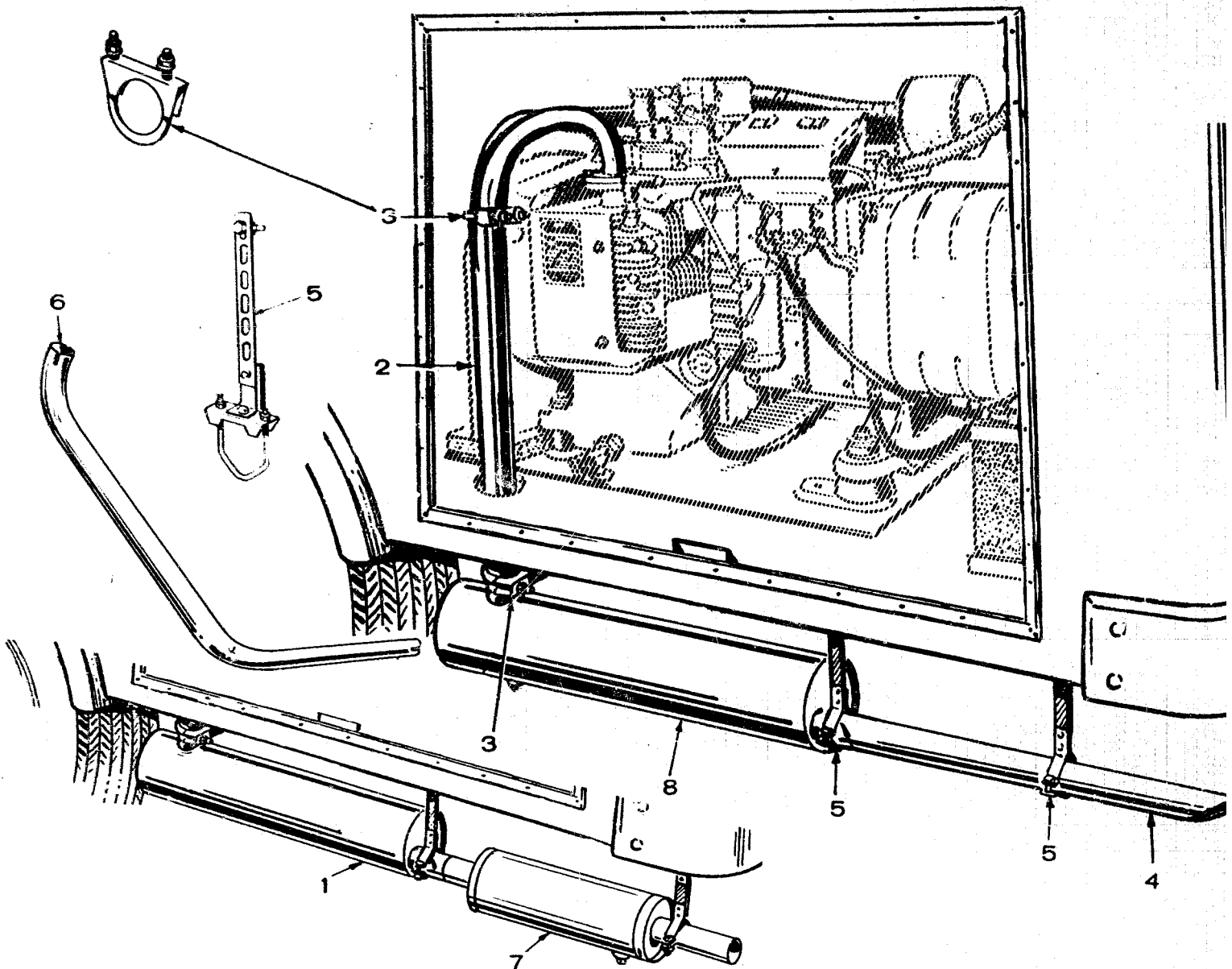
£ - Original Equipment Parts, Not Sold Separately; Order Complete Pump for Replacement.

* - Parts Included in Point Repair Kit.

† - Parts Included in Bellows Repair Kit.

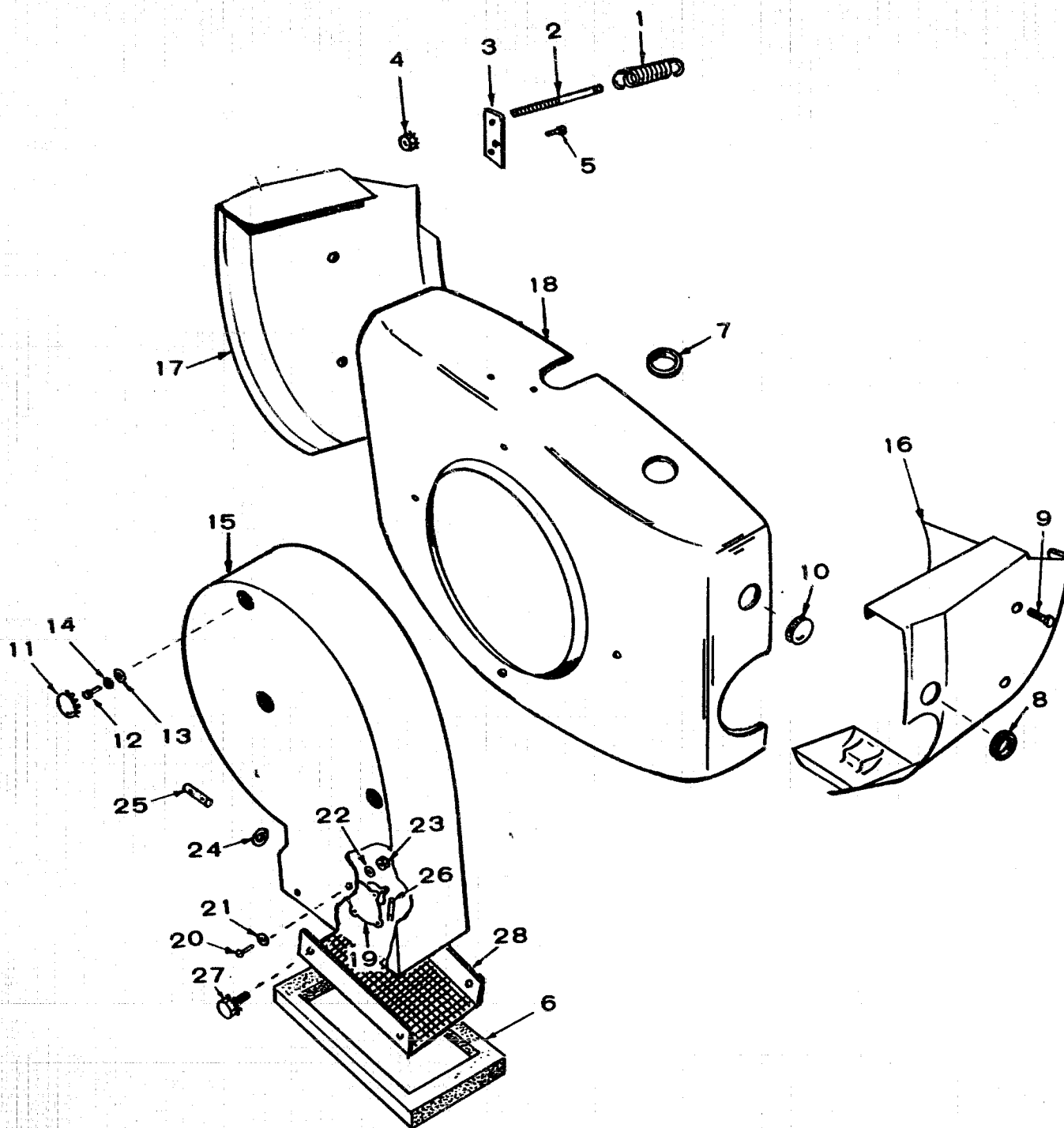
- Standard Hardware Parts, Procure Locally.

OPTIONAL EXHAUST EQUIPMENT GROUP - INSTALLATION



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	155-1222	1	Muffler, Exhaust - Side Inlet (21-9/16" Long)	6	155-1236	1	Tube, Exhaust (1-5/8" x 22" Curved)
2	TUBE, EXHAUST			7	155-1254	1	Spark Arrester (Optional)
	155-1240	1	1-5/8" x 15"	8	155-1258	1	Muffler/Spark Arrester - Side Inlet (Optional)
	154-1578	1	1-5/8" x 18"				
3	155-1239	2	Clamp, Muffler (1-5/8" Pipe)				
4	155-1235	1	Tube, Exhaust (1-1/2" x 19")				
5	155-1234	2	Bracket, Hanger - Muffler				

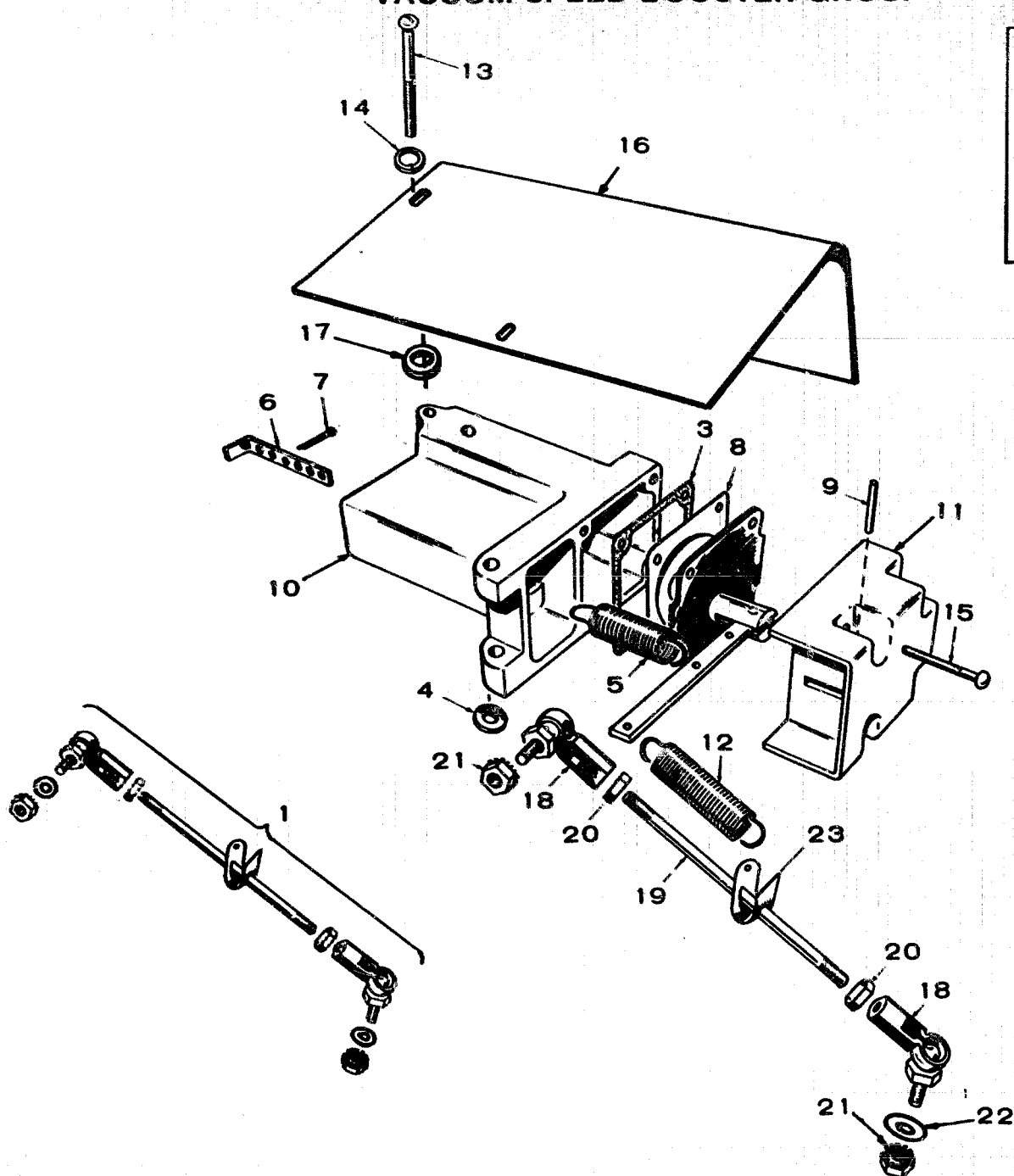
HOUSING AND GOVERNOR GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0098	1	Spring, Governor
2	150-1331	1	Stud, Speed Adjustment
3	134-2321	1	Bracket, Speed Stud
4	870-0131	1	Nut, Speed Adjustment
5	821-0004	2	Screw, Hex Head (10-32 x 5/16)
6	134-2231	1	Seal, Air Scroll
7	155-1252	1	Seal, Air Housing
8	508-0162	1	Grommet, Rubber
9	821-0100	4	Screw, Hex Head (1/4-20 x 1/2")
10	517-0035	1	Button, Plug
11	517-0021	2	Button, Plug
12	800-0002	4	Screw, Hex Head (1/4-20 x 3/8")
13	526-0015	4	Washer, Flat (1/4)
14	853-0013	4	Lockwasher (1/4)
15	SCROLL, AIR		
	134-2320	1	Standard
	134-2528	1	Optional (Use with High Temperature Switch)

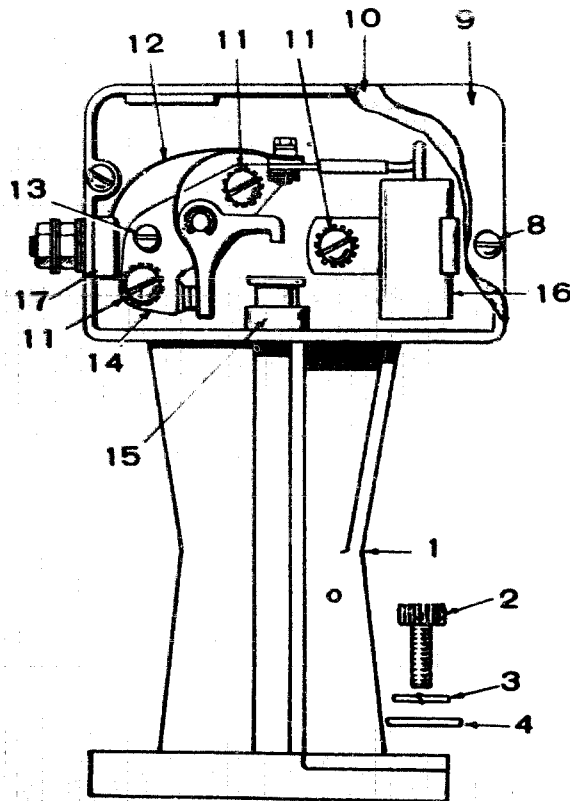
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
16	134-2142	1	Housing, Air - Right
17	134-2141	1	Housing, Air - Left
18	HOUSING, BLOWER		
	134-2330	1	Used with Air Cooled Muffler
	134-3039	1	Used with Under Chassis Muffler
19	309-0077	1	Switch, High Temperature - Opt.
20	812-0061	2	Screw, Round Head - Optional
21	856-0001	2	Lockwasher - Optional
22	508-0056	2	Washer, Flat, Fibre - Opt.
23	860-0005	2	Nut, Hex - Optional
24	508-0031	1	Grommet, Rubber - Optional
25	332-0556	1	Connector, Lead - Optional
26	160-0144	1	Strap, Ground - Optional
27	815-0421	4	Screw, Tapping - Hex Head with External Tooth Lockwasher (#10-1/2")
28	134-3013	1	Guard, Scroll Outlet

VACUUM SPEED BOOSTER GROUP



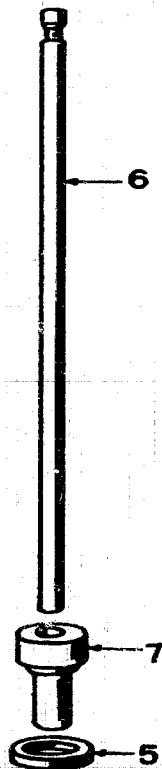
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-1030	1	Kit, Vacuum Speed Booster	12	150-0471	1	Spring, External
	150-1080	1	Linkage Assembly, Governor - (When purchased as a unit this assembly will replace all specs.) (Includes Parts Marked *)	13	813-0111	2	Screw, Round Head (10-32 2-1/4") Booster Mounting
2	150-1031	1	Kit, Diaphragm Replacement, Includes Gaskets	14	853-0008	2	Washer, Lock
3	150-0668	1	Gasket, Diaphragm Plate	15	815-0148	4	Screw, Hex Head (8-32 x 7/16")
4	150-0425	1	Gasket, Booster to Manifold	16	150-1332	1	Shield, Heat
5	150-0475	1	Spring, Internal	17	526-0196	2	Washer, Spacer - Shield Mc
6	150-0376	1	Bracket, Internal Spring Adjusting	18	JOINT, BALL - GOVERNOR LINKAGE		
7	516-0039	1	Pin, Cotter (3/32 x 5/8") Adjusting Bracket	150-0639	2	• Later Models - Metal	
8	150-0666	1	Plate, Diaphragm	150-0939	2	Early Models - Plastic	
9	516-0085	1	Pin (3/32 x 3/4"), Diaphragm Lever Pivot	19	ROD, GOVERNOR CONTROL		
10	150-1355	1	Housing, Vacuum Booster (Not Sold Separately)	520-0187	1	• Later Models - Used With Metal Ball Joints Only	
11	150-0644	1	Cover, Vacuum Booster	520-0623	1	Early Models - Used With Plastic Ball Joints Only	
				20	870-0053	2	*Nut
				21	870-0131	2	*Washer, Flat
				22	526-0196	2	*Bracket, Spring
				23	150-0430	1	
							* - Parts included in Linkage Assembly.

BREAKER BOX ASSEMBLY GROUP

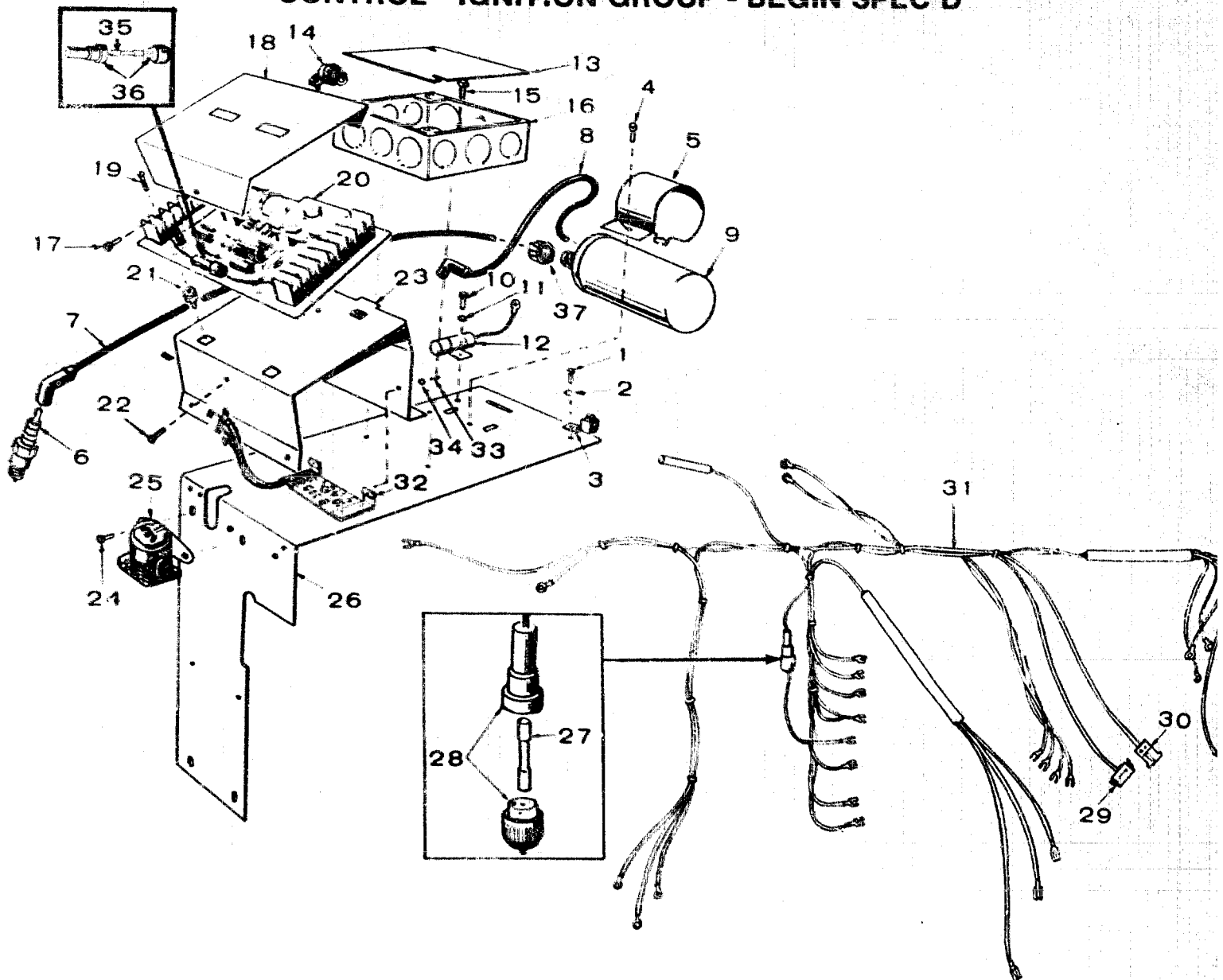


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	160-1135	1	Breaker Box Assembly (Includes Parts Marked *)
2	802-0035	2	*Screw, Socket Hex Head Cap (1/4-20 x 7/8")
3	850-0040	2	*Washer, Lock (1/4)
4	526-0214	2	*Washer, Flat (1/4)
5	160-1040	1	*Gasket, Box
6	160-0723	1	*Plunger
7	160-1041	1	*Bushing, Plunger
8	812-0077	2	*Screw, Round Head (8-32 x 3/8")
9	160-0930	1	*Cover, Breaker Box
10	160-0150	1	*Gasket, Cover
11	615-0285	3	*Screw, Round Head (8-32 x 5/16")
12	160-0428	1	*Lead, Strap - Point Set
13	160-0075	1	*Cam, Point Adjusting
14	160-0002	1	*Point Set
15	160-0931	1	*Guide, Plunger
16	312-0069	1	*Capacitor, Ignition
17	160-0349	1	*Terminal Assembly

* - Included in Breaker Box Assembly.



CONTROL - IGNITION GROUP - BEGIN SPEC D



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	821-0010	1	Screw, Hex Head (1/4-20 x 1/2")	22	815-0350	4	Screw, Hex Head (10-32 x 3/8
2	856-0006	1	Washer, Lock (1/4)	23	301-3481	1	Bracket, Control Mounting
3	332-0142	1	Terminal, Lug - Solderless	24	821-0009	2	Screw, Hex Head (1/4-20 x 3/8"
4	815-0350	1	Screw, Hex Head (10-32 x 3/8")	25	307-1166	1	Relay, Solenoid
5	166-0588	1	Clamp, Coil	26	301-3483	1	Bracket, Control Assembly Mounting
6	167-0241	2	Plug, Spark	27	321-0194	1	Fuse, 9 Amperes, 32 Volt
7	167-1520	1	Cable, Spark Plug (7-1/2")	28	321-0193	1	Fuseholder
8	167-1557	1	Cable, Spark Plug (14-1/2")	29	323-0440	1	Connector, Plug (Part of Wiring Harness)
9	166-0535	1	Coil, Ignition	30	323-0541	1	Connector, Plug (Part of Wiring Harness)
10	815-0350	1	Screw, Hex Head (10-32 x 3/8")	31	338-0897	1	Harness, Wiring
11	656-0003	2	Washer, Ext (10)	32	300-1227	1	Control, Disconnect Adapter
12	312-0027	1	Capacitor, Ignition - .5 Mfd	33	812-0077	2	† Screw, Machine - Round Head (#8-32 x 3/8")
13	330-0006	1	Cover, Outlet Box	34	853-0005	2	† Washer, Lock - External Tooth
14	508-0179	1	Cable Strain Relief	35	321-0194	1	† Fuse, 9 Amperes, 32 Volt
15	815-0350	2	Screw, Hex Head (10-32 x 3/8")	36	321-0193	1	† Fuseholder
16	330-0028	1	Box, Outlet	37	166-0604	2	Cap (Part of Ignition Coil)
17	815-0350	1	Screw, Hex Head (10-32 x 3/8")				
18	301-3484	1	Cover, Control				
19	815-0365	4	Screw, Round Head (8 x 3/4") Self-Tapping				
20	300-0859	1	*Control Assembly				
21	870-0263	4	Nut, Insulator				

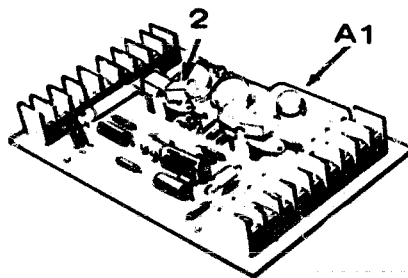
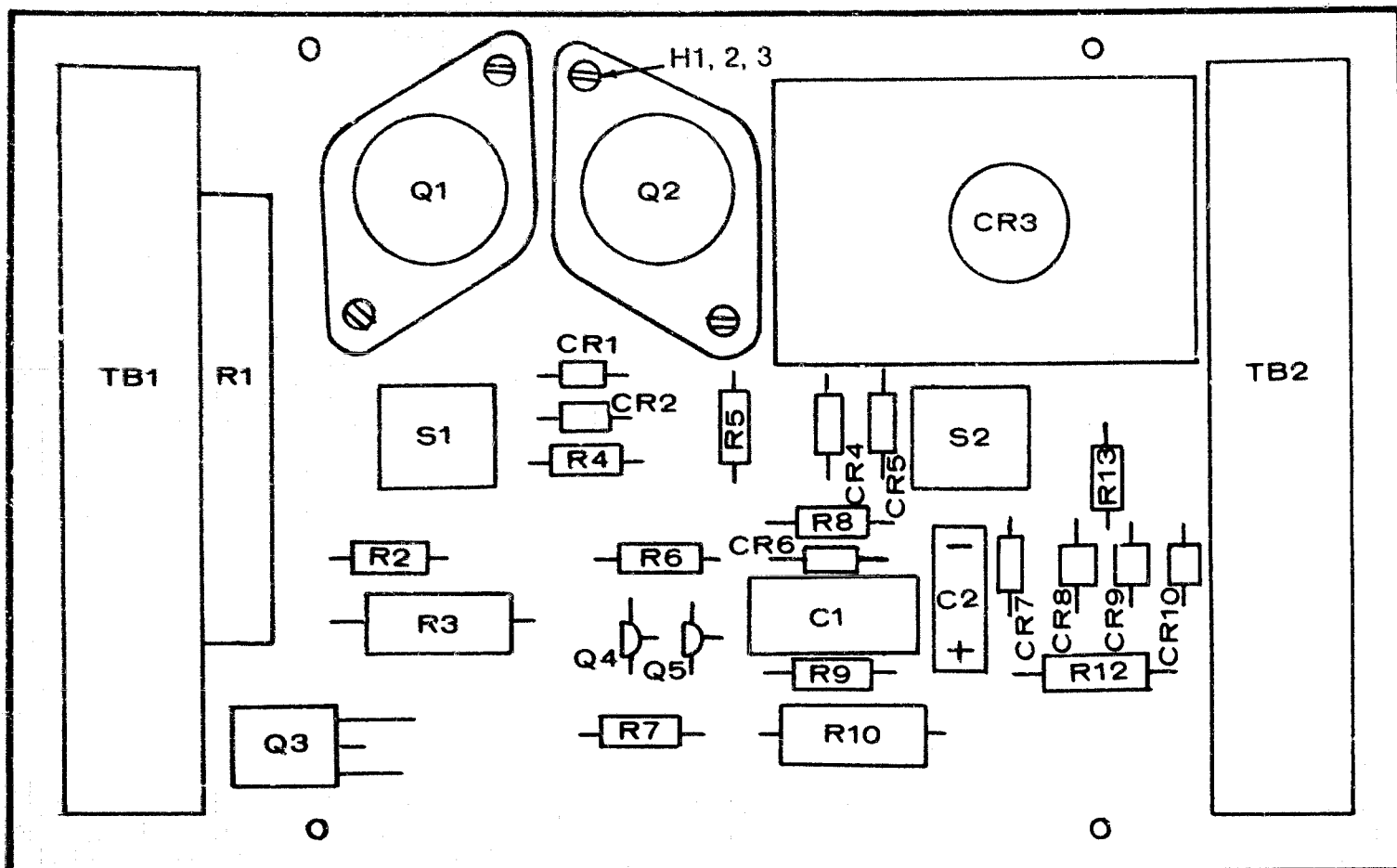
† - Use Effective Serial #0675948597. During Spec D

£ - Recommended to be used on Early Models -

Order Package # 300-1231,

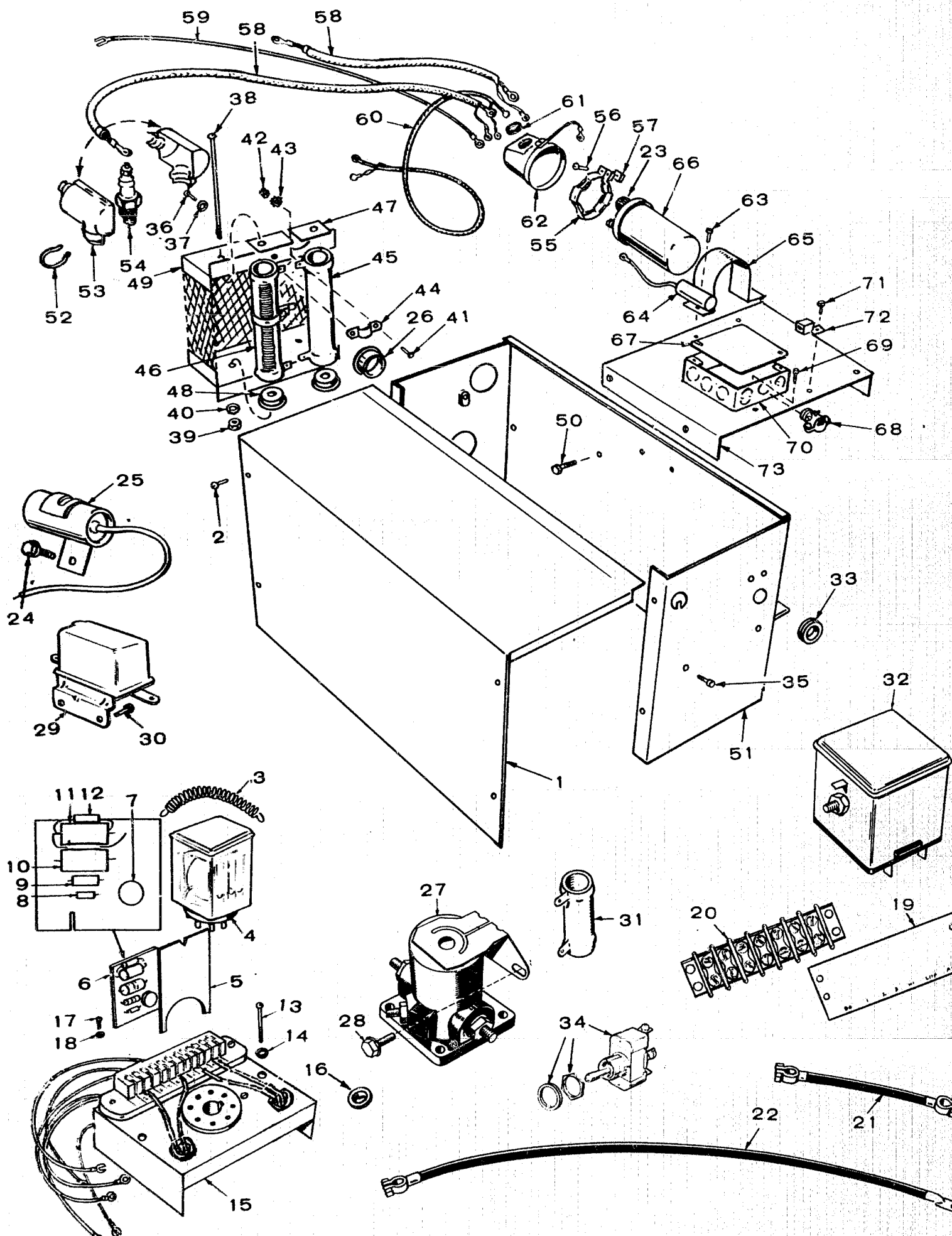
- See Separate Group for Components

300-0859 CONTROL ASSEMBLY GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
A1	300-0859	1	Control Assembly	A1R1	353-0043	1	Resistor - 35-Ohm, 10 Watt
A1C1	355-0026	1	Capacitor, .47 Mfd.	A1R2	350-0437	1	Resistor - 120K-Ohm, 1/2 W, 5%
A1C2	356-0046	1	Capacitor, Electrolytic - 5 Mfd.	A1R3	350-0977	1	Resistor - 390-Ohm, 2 W, 5%
A1CR1	357-0013	1	Rectifier	A1R4	350-0427	1	Resistor - 47K-Ohm, 1/2 W, 5%
A1CR2	357-0013	1	Rectifier	A1R5	350-0404	1	Resistor - 5.1K-Ohm, 1/2 W, 5%
A1CR3	358-0054	1	Diode and Heat Sink	A1R6	350-0315	1	Resistor - 1-Ohm, 1/2 W, 5%
A1CR4	357-0004	1	Rectifier	A1R7	350-0355	1	Resistor - 47-Ohm, 1/2 W, 5%
A1CR5	357-0004	1	Rectifier	A1R8	350-0379	1	Resistor - 470-Ohm, 1/2 W, 5%
A1CR6	357-0004	1	Rectifier	A1R9	350-0530	1	Resistor - 330-Ohm, 1/2 W, 5%
A1CR7	359-0026	1	Diode	A1R10	350-0983	1	Resistor - 680-Ohm, 2 W, 5%
A1CR8	357-0017	1	Rectifier	A1R12	350-0673	1	Resistor - 270-Ohm, 1 W, 5%
A1CR9	357-0017	1	Rectifier	A1R13	350-0404	1	Resistor - 5.1K-Ohm, 1/2 W, 5%
A1CR10	357-0013	1	Rectifier	A1S1	308-0323	1	Switch - Double Pole, Double Throw
A1H1	812-0061	4	Screw, Machine - Round Head (#6-32 x 3/8")	A1S2	308-0320	1	Switch - Double Pole, Double Throw
A1H2	853-0003	4	Washer, Lock - External Tooth (#6)	A1TB1	332-1450	1	Terminal Block
A1H3	860-0006	4	Nut, Hex (#6-32)	A1TB2	332-1450	1	Terminal Block
A1Q1	362-0018	1	Transistor	1	332-1454	1	Printed Wiring Board
A1Q2	362-0033	1	Transistor	2	308-0378	1	Rocker and Spring (Replaceable part of switch AISI)
A1Q3	362-0028	1	Transistor				
A1Q4	362-0011	1	Transistor				
A1Q5	362-0011	1	Transistor				

CONTROL - IGNITION GROUP - SPEC A THROUGH C

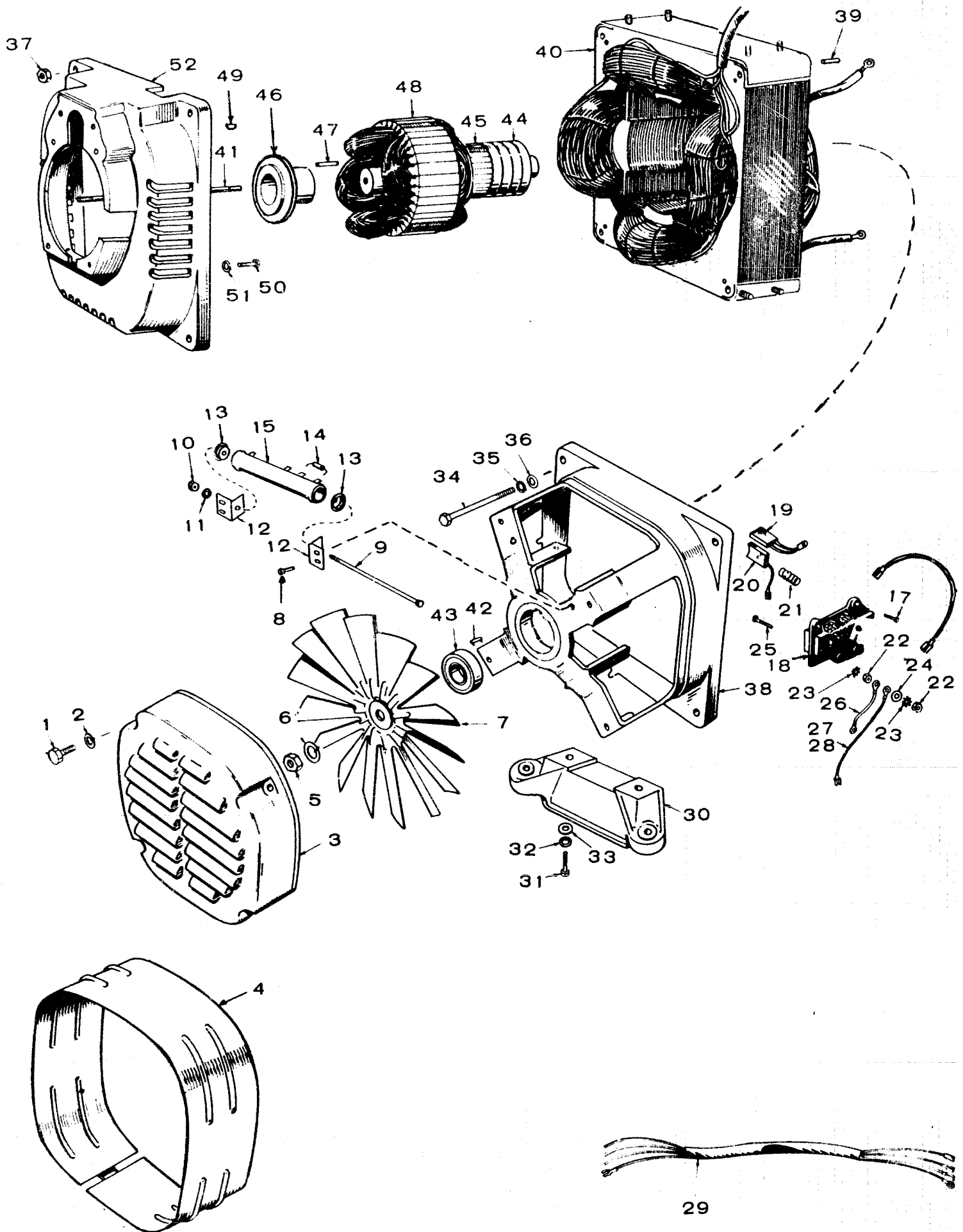


CONTROL-IGNITION GROUP - SPEC A THROUGH C

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-3405	1	Cover, Control Box	36	813-0100	2	Screw, Round Head (10-32 x 3/8")
2	813-0100	4	Screw, Round Head (10-32 x 1/2")	37	850-0030	2	Lockwasher (No. 10)
3	301-3306	1	Spring, Relay Hold down	38	812-0165	2	Screw, Round Head (1/4-20 x 4-1/2")
4	307-1070	1	Relay, Start - Disconnect (K4)	39	862-0001	2	Nut, Hex (1/4-20)
5	301-3307	1	Spacer	40	850-0040	2	Lockwasher (1/4)
6	300-0734	1	Amplifier Assembly (Includes Parts Marked *) (A1)	41	815-0001	4	Screw, Binding Head, Brass (6-32 x 1/4")
7	362-0032	1	*Transistor (Q1)	42	860-0006	4	Nut, Hex (6-32)
8	359-0028	1	*Diode (CR1)	43	853-0003	4	Lockwasher, External Tooth (No. 6)
9	350-0397	1	*Resistor, 2700-Ohm, 1/2 Watt (R3)	44	332-0592	1	Jumper
10	350-0985	1	*Resistor, 820-Ohm, 2 Watt (R2)	45	353-0006	1	Resistor, 6-Ohm, 50 Watt (R1)
11	350-0979	1	*Resistor, 470-Ohm, 2 Watt (R1)	46	304-0632	1	Resistor, Adjusting, 60-Ohm, 100 Watt (r2)
12	RESISTOR - SELECTED (R4) Typical Values Listed.			47	304-0292	2	Insulator, Resistor
	350-0080	1	*510-Ohm, 1/2 Watt	48	304-0427	2	Washer, Centering
	350-0084	1	*750-Ohm, 1/2 Watt	49	301-3406	1	Box, Resistor Assembly
	350-0087	1	*1000-Ohm, 1/2 Watt	50	815-0293	2	Screw, Thread Forming (1/4-20 x 3/4")
	350-0089	1	*1200-Ohm, 1/2 Watt	51	301-3404	1	Box, Control
	350-0091	1	*1500-Ohm, 1/2 Watt	52	167-0064	2	Clamp, Spark Plug Shield
	350-0094	1	*2000-Ohm, 1/2 Watt	53	167-0067	2	Shield Set (Includes Clamp)
	350-0097	1	*2700-Ohm, 1/2 Watt	54	167-0241	2	Spark Plug
	350-0099	1	*3300-Ohm, 1/2 Watt	55	166-0541	1	Clamp, Coil Cover
	350-0101	1	*3900-Ohm, 1/2 Watt	56	809-0035	1	Screw, Round Head, Sheet Metal (No. 8 x 3/4")
	350-0103	1	*4700-Ohm, 1/2 Watt	57	870-0251	1	Nut, Speed
13	812-0086	2	Screw, Round Head (8-32 x 1-1/4")	58	167-1553	2	Lead Assembly, Spark Plug
14	850-0025	2	Lockwasher (No. 8)	59	336-2079	1	Lead Assembly
15	323-0818	1	Socket & Chassis Assembly, Start-Disconnect (Includes Leads)	60	336-2080	1	Lead Assembly
16	508-0031	2	Grommet	61	508-0001	1	Grommet
17	812-0063	2	Screw, Round Head (6-32 x 1/2")	62	166-0563	1	Cover Assembly, Coil
18	853-0003	2	Lockwasher, External Tooth (No. 6)	63	815-0350	2	Screw, Slotted Hex Head (10-32 x 3/8")
19	332-1412	1	Strip, Marker	64	312-0027	1	Capacitor, Ignition - .5 Mfd (C2)
20	332-0745	1	Block, Terminal	65	166-0577	1	Clamp, Coil
21	416-0004	1	Cable, Battery - Jumper	66	166-0535	1	Coil, Ignition
22	416-0077	2	Cable, Battery - (28")	67	330-0006	1	Cover, Output Box
23	166-0604	2	Cap (Part of Ignition Coil)	68	331-0027	1	Clamp, Cable - Output Box
24	821-0004	1	Screw, Hex Locking Head (10-32 x 5/16")	69	815-0350	2	Screw, Slotted Hex Head (10-32 x 3/8")
25	312-0057	1	Capacitor - 1 Mfd (C1)	70	330-0028	1	Box, Output
26	331-0088	2	Grommet	71	821-0009	2	Screw, Locking Hex Head (1/4-20 x 3/8")
27	307-0845	1	Solenoid - Start (K1)	72	332-0142	1	Terminal, Solderless
28	821-0004	2	Screw, Hex Locking Head (10-32 x 5/16")	73	232-2216	1	Bracket, Stator Cover
29	305-0383	1	Relay, Voltage Regulator (K3)				
30	821-0004	2	Screw, Hex Locking Head (10-32 x 5/16")				
31	304-0251	1	Resistor, 30-Ohm, 5 Watt (R3)				
32	307-1052	1	Relay, Stop (K2)				
33	508-0004	1	Grommet				
34	308-0154	1	Switch, Start-Stop (S1)				
35	821-0009	2	Screw, Hex Head (1/4-20 x 3/8")				

* - Included in Amplifier Assembly.

GENERATOR GROUP

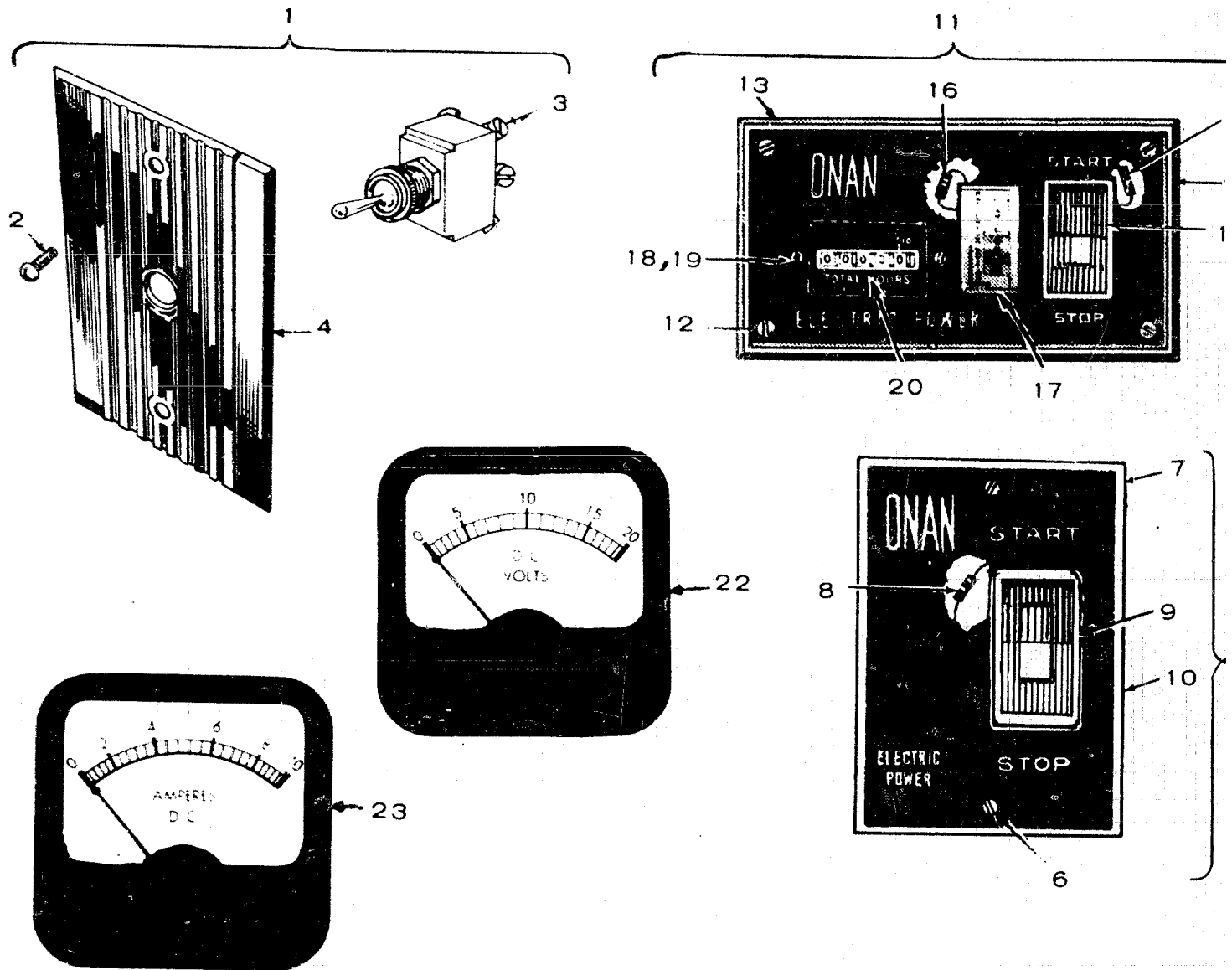


GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	
1	812-0156	4	Screw, Hex Head (1/4-20 x 1-1/2")	30	SUPPORT, GENERATOR			
2	850-0040	4	Lockwasher (1/4)	232-2109	1	Spec A through C		
3	232-2107	1	Cover, Generator	232-2321	1	Begin Spec D		
4	234-0362	1	Wrapper, End Bell	31	800-0051	2	Screw, Hex Head (3/8-16 x 1-1/4")	
5	870-0203	1	Nut, Hext (7/16-20)	32	850-0050	2	Lockwasher (3/8)	
6	850-0055	1	Lockwasher (7/16)	33	526-0030	2	Washer, Flat (3/8)	
7	205-0090	1	Fan, Generator	34	ATTACHING PARTS, END BELL			
8	815-0359	2	Screw, Hex Head, Thread Forming (10-32 x 7/8") - Begin Spec D	520-0730	4	Stud (5/16-18 x 8-5/8") - Spec A through C		
9	812-0118	1	Screw, Hex Head (10-24 x 5") -Begin Spec D	862-0015	4	Nut, Hex (5/16-18) - Spec A through C		
10	860-0011	1	Nut, Hex (10-24) - Begin Spec D	800-0044	4	Screw, Hex Head (5/16-18 x 7-1/2") - Begin Spec D		
11	850-0030	1	Lockwasher (No. 10) - Begin Spec D	35	850-0045	4	Lockwasher (5/16)	
12	304-0706	2	Bracket, Mounting - Begin Spec D	36	526-0115	4	Washer, Flat (5/16)	
13	304-0015	2	Washer, Centering - Begin Spec D	37	862-0015	4	Nut, Hex (5/16-18)	
14	357-0020	1	Diode Assembly - Begin Spec D	38	211-0187	1	End Bell	
15	353-0047	1	Resistor, Tapped - Begin Spec D	39	516-0182	8	Pin, Roll	
16	336-1891	4	Lead Assembly - Brush Block	40	STATOR ASSEMBLY, GENERATOR			
17	815-0359	12	Screw, Hex Head, Thread Forming (10-32 x 7/8")	220-1476	1	Spec A through C		
18	BLOCK, BRUSH (Each Includes Parts Marked £)			220-1816	1	Begin Spec D		
	212-0359	2	Block, Generator Brush - Bottom & Right Side Positions	41	520-0733	1	Stud	
	212-0360	2	Block, Generator Brush - Top & Left Side Positions	42	232-0596	1	Clip, Bearing Stop	
19	214-0095	4	Brush, Commutator	43	510-0047	1	Bearing, Ball (Part of Rotor Assembly)	
20	214-0096	8	Brush, Collector Rings	44	COLLECTOR RING, GENERATOR (Part of Rotor Assembly)			
21	212-1232	12	Spring, Brush	204-0108	1	Spec A through C		
22	871-0010	8	£Nut, Hex (10-32)	204-0110	1	Begin Spec D		
23	853-0008	4	£Lockwasher (No. 10)	45	COMMUTATOR, GENERATOR (Part of Rotor Assembly)			
24	526-0049	4	£Washer, Flat (No. 10)	203-0151	1	Spec A through C		
25	815-0341	4	£Screw, Hex Head, Brass (10-32 x 1")	203-0152	1	Begin Spec D		
26	LEAD, ELECTRICAL			46	HUB, DRIVE (Part of Rotor Assembly)			
	336-0186	2	*Spec A through C	232-2108	1	Spec A through C		
	336-0186	1	*Begin Spec D	232-2316	1	Begin Spec D		
27	LEAD, ELECTRICAL			47	515-0007	1	Key, Drive (Part of Rotor Assembly)	
	336-2110	2	†Spec A through C	48	ROTOR ASSEMBLY, GENERATOR			
	336-2110	1	†Begin Spec D	201-1690	1	Spec A through C		
28	LEAD, ELECTRICAL			201-1903	1	Begin Spec D		
	336-1890	1	*Spec A through C	49	515-0006	1	Key	
	336-1890	2	*Begin Spec D	50	ATTACHING PART, ADAPTER			
29	HARNESS ASSEMBLY, WIRING			520-0737	4	Stud (3/8-24 x 2") - Spec A through C		
	338-0592	1	Spec A through C	104-0091	4	Nut, Hex (3/8-24) - Spec A through C		
	338-0643	1	Begin Spec D	800-0050	4	Screw, Hex Head (3/8-16 x 1-1/4") - Begin Spec D		
				51	850-0050	4	Lockwasher (3/8)	
				52	ADAPTER, GENERATOR TO ENGINE			
				231-0150	1	Spec A through C		
				231-0164	1	Begin Spec D		

£ - Parts included in All Brush Blocks.

REMOTE STARTING CONTROL GROUP — OPTIONAL EQUIPMENT **(Used With Solid State Control, Four Wire Start Circuit Only.)**

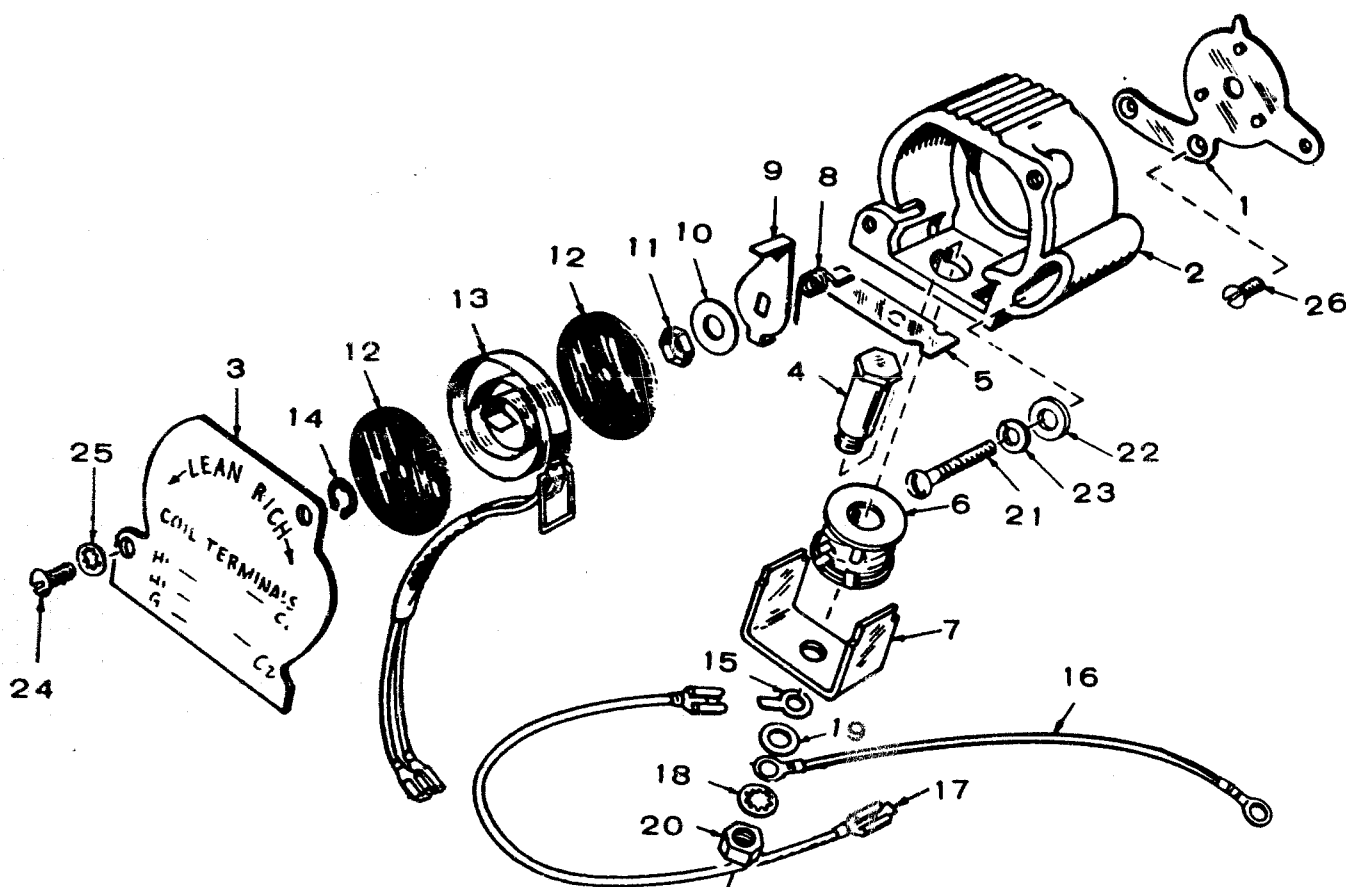


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	308-0331	1	Control Package - Remote Starting (Includes Parts Marked *)
2	815-0385	2	*Screw, Machine - Round Head, Black Zinc Finish (#6-32 x 1/2")
3	308-0329	1	*Switch, Toggle - DPDT
4	308-0168	1	*Plate, Mounting
5	300-0968	1	Control Package - Standard, Remote Starting (Includes Parts Marked †)
6	815-0380	2	†Screw, Wood - Oval Head, Black Oxide (#5 x 1/2")
7	300-0942	1	†Control Assembly, Remote Starting - Standard (Includes Parts Marked *)
8	357-0004	1	*Rectifier
9	308-0330	1	*Switch, Push - DPDT (Momentary) With Intergal 24 Volt Lamp
10	301-3566	1	*Panel, Control
11	300-0969	1	Control Package - Deluxe, Remote Starting (Includes Parts Marked **)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	815-0380	4	**Screw, Wood - Oval Head, Black Oxide (#5 x 1/2")
13	300-0943	1	**Control Assembly, Remote Starting Deluxe (Includes Parts Marked †)
14	357-0004	1	†Rectifier
15	308-0330	1	†Switch, Push - DPDT (Momentary) With Intergal 24 Volt Lamp
16	359-0034	1	†Diode
17	302-0888	1	†Meter, Battery Condition
18	815-0385	2	†Screw, Machine - Round Head, Black Zinc Finish (#6-32 x 1/2")
19	860-0005	2	†Nut, Hex (#6-32)
20	302-0885	1	†Meter, Time Totalizing
21	301-3606	1	†Panel, Control
22	302-0562	1	Voltmeter, DC (0-20)
23	302-0561	1	Ammeter, DC (0-10)

* - Parts Included in Control Package 308-0331.
† - Parts Included in Control Package 300-0968.
* - Parts Included in Control Assembly 300-0942.
** - Parts Included in Control Package 300-0969.

THERMO-MAGNETIC CHOKE — OPTIONAL EQUIPMENT

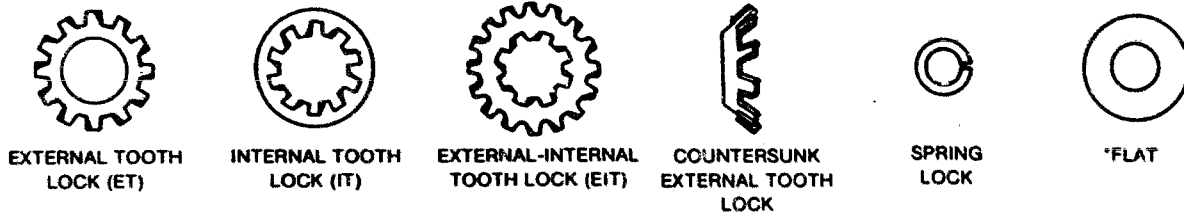


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	153-0385	1	Plate, Mounting	19	526-0022	1	Washer, Flat (21/64" I.D. x 9/16" O.D. x 1-1/16" Thk)
2	153-0386	1	Housing, Choke	20	864-0002	1	Nut, Hex (5/16-18)
3	153-0389	1	Cover, Choke	21	813-0107	1	Screw, Machine - Round Head (#10-32 x 1-1/4")
4	153-0391	1	Core, Solenoid	22	526-0008	1	Washer, Flat (13/64" I.D. x 7/16" O.D. x 1/32" Thk)
5	153-0395	1	Armature, Solenoid	23	850-0030	1	Washer, Lock - Spring (#10)
6	307-1203	1	Coil, Solenoid	24	812-0076	2	Screw, Machine - Round Head (#8-32 x 5/16")
7	153-0392	1	Frame, Solenoid	25	854-0007	2	Washer, Lock - Internal Tooth (#8)
8	153-0387	1	Spring, Armature	26	815-0161	2	Screw, Machine - Round Head (#10-32 x 3/8")
9	153-0390	1	Lever, Limit		153-0429	1	Kit, Replacement (Includes Complete Choke, Less Electrical Leads, and Carburetor Air Horn Gaskets)
10	526-0018	1	Washer, Flat (17/64" I.D. x 5/8" O.D. x 1/16" Thk)				
11	870-0134	1	Nut, Hex (1/4-20)				
12	153-0399	2	Insulator, Disc				
13	153-0400	1	Bimetal - Heater Assembly				
14	518-0129	1	Ring, Retaining				
15	332-0876	1	Terminal, Lug - Ground				
16	336-1550	1	Lead, Electrical - Ground				
17	336-1549	1	Lead, Electrical - Solenoid				
18	854-0017	1	Washer, Lock - Internal Tooth (5/16")				

HARDWARE IDENTIFICATION

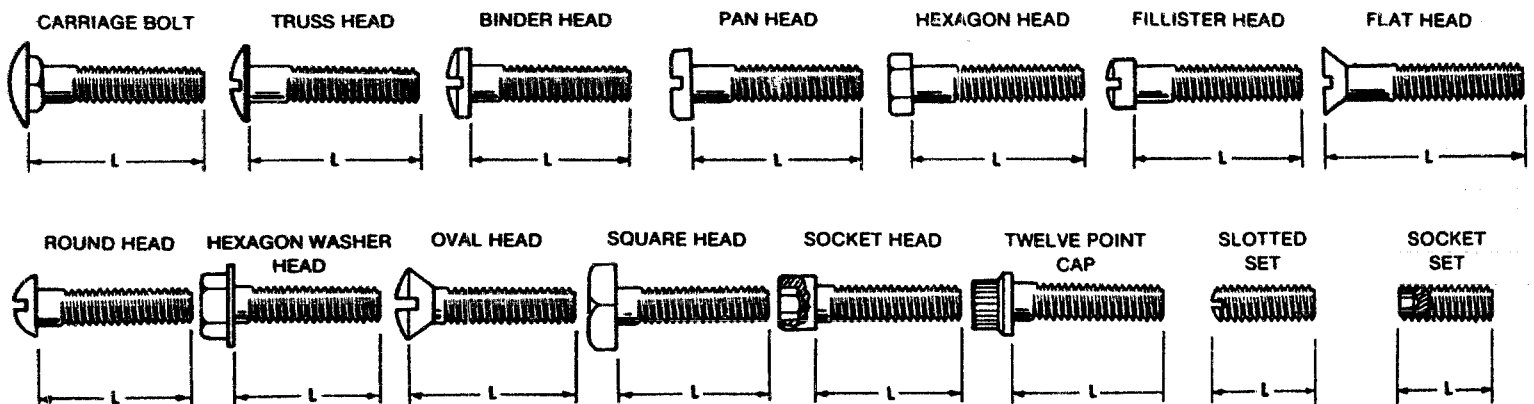
Illustrated hardware items are only for identification purposes. All hardware items listed throughout this parts catalog are steel SAE grade five (5) or lower (zinc plated with clear chromate dip) unless parts description indicates differently. All dimensions are in inches.

WASHER TYPES



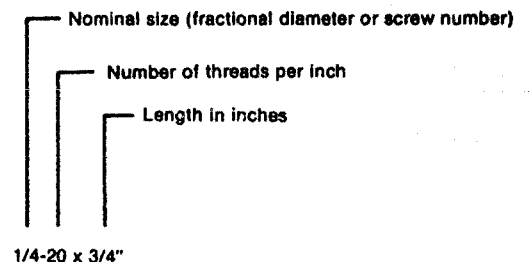
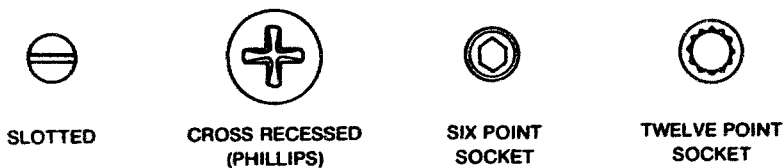
- Flat washer dimensions given are: Inside Diameter (ID), Outside Diameter (OD) and Thickness (Thk).

BOLT AND SCREW TYPES



L - Measure length between these points.

INTERNAL DRIVE TYPES



NUT TYPES



SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53CR **SPEC** 6000A
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1052

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Thermo-Magnetic Choke			
110-2542	1	Block Assembly, Cylinder	155-1150	1	Tube Exhaust-Flexible
120-0187	1	Stud, Oil By Pass	155-1135	1	Clamp, Exhaust Tube
123-0952	1	Tube, Breather	155-1151	2	Clamp, Muffler
123-0958	1	Screen, Breather Tube			
123-0951	1	Clamp, Breather Tube Cap			
123-0954	1	Cap and Valve, Breather			
503-0170	2	Clamp, Hose Breather			
503-0582	1	Hose, Breather			
509-0117	1	Seal, O Ring, Breather Tube			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
134-2127	1	Housing, Blower			
167-1537	1	Cable, Spark Plug RH			
167-1536	1	Cable, Spark Plug LH			
336-1899	1	Lead Assembly Shielded			
150-1262	1	Bracket, Speed Stud			
150-0096	1	Stud, Speed Adjustment			
150-0731	1	Spring, Governor			
141-0807	1	*Carburetor, Electric Choke			
141-0818	1	#Plate, Choke			
141-0679	1	#Shaft, Choke			
154-1401	1	Manifold, Exhaust			
150-1071	1	Shield, Heat Vacuum Booster			
140-1073	1	Clamp, Air Cleaner			
140-1061	1	Cover, Air Cleaner			
140-1071	1	Element Air Cleaner			
140-1066	1	Cover, Air Cleaner			
140-1075	1	Elbow, Carburetor Air Inlet			
140-1067	1	Bracket, Air Cleaner MTG			
201-1905	1	Rotor Assembly, Generator			
332-1321	1	Strip, Marker			
301-3351	1	Box Control			
301-3349	1	Cover, Box Control			
502-0020	2	Elbow, Street (1) Filter Inlet (1) Pump Inlet			
505-0057	1	Plug, Oil Adapter Tee			
149-0079	1	Filter, Fuel			
149-0150	1	Bowl, Fuel Filter			
149-0149	1	Gasket, Fuel Filter			
149-0202	1	Screen, Fuel Filter			
501-0005	1	Line, Fuel			
338-0561	1	Harness, Wiring			
134-2233	1	Seal, Air Scroll			
402-0364	1	Hardware Package, Mounting			

*Same as Standard Carburetor Except Parts
 Marked With #

SPECIAL PARTS LIST FOR MODEL 6.5NH-3CR SPEC 6000A
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1052

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Thermo-Magnetic Choke			
110-2542	1	Block Assembly Generator	*		Same as Standard Carburetor Except Parts Marked With #
120-0187	1	Stud, Oil By Pass			
123-0952	1	Tube, Breather			
123-0958	1	Screen, Breather Tube			
123-0951	1	Clamp, Breather Tube Cap			
123-0954	1	Cap and Valve, Breather			
503-0170	2	Clamp, Breather Hose			
503-0582	1	Hose, Breather			
509-0117	1	Seal, O Ring Breather Tube			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
134-2127	1	Housing, Blower			
167-1536	1	Cable, Spark Plug LH			
167-1537	1	Cable, Spark Plug RH			
336-1899	1	Lead, Assembly Ignition			
150-1262	1	Bracket, Speed Stud			
150-0096	1	Stud, Speed Adjustment			
150-0731	1	Spring, Governor			
141-0807	1	*Carburetor, Electric Choke			
141-0818	1	#Plate, Choke			
141-0679	1	#Shaft, Choke			
154-1401	1	Manifold, Exhaust			
150-1071	1	Shield, Hear-Vacuum Booster			
140-1073	1	Clamp, Air Cleaner			
140-1061	1	Cover, Air Cleaner			
140-1071	1	Element, Air Cleaner			
140-1066	1	Cover, Air Cleaner			
140-1075	1	Elbow, Carburetor Air Inlet			
140-1067	1	Bracket, Air Cleaner Mounting			
502-0020	2	Elbow, Inlet (1) Filter (1) Pump			
505-0057	1	Plug, Oil Adapter Tee			
149-0079	1	Filter, Fuel			
149-0150	1	Bowl, Fuel Filter			
149-0149	1	Gasket, Fuel Filter			
149-0202	1	Screen, Fuel Filter			
501-0005	1	Line, Fuel			
134-2233	1	Seal, Air Scroll			
402-0364	1	Hardware Package, Mounting			
155-1150	1	Tube, Exhaust Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1155	2	Clamp, Muffler			
332-1321	1	Strip, Marker			
301-3351	1	Box Control			
301-3349	1	Cover, Box Control			
338-0561	1	Wiring Harness			

SPECIAL PARTS LIST FOR MODEL 5.5NH-53CR SPEC 6000C
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1079

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud-Oil By Pass			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
508-0166	1	Grommet, Rubber			
201-1692	1	Rotor Assembly, Generator			
502-0020	1	Elbow, Pipe Fuel Line			
501-0005	1	Line, Fuel			
505-0057	1	Plug, Oil Adapter Tee			
140-1152	1	Bracket, Air Cleaner			
402-0364	1	Hardware, Package Mounting			
155-1150	1	Tube, Exhaust-Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1151	2	Clamp, Muffler			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-57R **SPEC** 6000C
FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1079

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud-Oil By Pass			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
508-0166	1	Grommet			
140-1152	1	Bracket, Air Cleaner			
505-0057	1	Plug, Adapter Oil Tee			
502-0020	1	Elbow, Pipe Fuel Line			
501-0005	1	Line, Fuel			
402-0364	1	Hardware Package, Mounting			
155-1150	1	Tube, Exhaust-Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1151	2	Clamp, Muffler			
201-2330	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR **MODEL** 6.5NH-3CR **SPEC** 6000C
FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1079-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud, Oil By Pass			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
508-0166	1	Grommet			
502-0020	1	Elbow, Fuel Line			
505-0057	1	Plug, Oil Adapter Tee			
140-1152	1	Bracket, Air Cleaner			
402-0364	1	Hardware Package, Mounting			
155-1150	1	Tube, Exhaust-Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1151	2	Clamp, Muffler			

SPECIAL PARTS LIST FOR **MODEL** 6.5 NH-4R **SPEC** 6000C
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. W.D. 1079-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud, Oil By Pass			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
508-0166	1	Grommet, Housing			
505-0057	1	Plug, Oil Adapter Tee			
140-1152	1	Bracket, Air Cleaner			
402-0364	1	Hardware Package, Mounting			
155-1150	1	Tube, Exhaust Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1151	2	Clamp, Muffler			
502-0020	1	Elbow, Fuel Line			
201-1913	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR MODEL 6.5NH-5DR SPEC 6000C
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1079-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud-Oil By Pass			
502-0058	1	Tee, Low Oil Pressure			
309-0010	1	Switch, Low Oil Pressure			
508-0166	1	Grommet, Housing			
505-0057	1	Plug, Oil Adapter Tee			
140-1152	1	Bracket, Air Cleaner			
402-0364	1	Hardware Package, Mounting			
155-1150	1	Tube, Exhaust Flexible			
155-1135	1	Clamp, Exhaust Tube			
155-1151	2	Clamp, Muffler			
502-0020	1	Elbow, Fuel Line			
201-1914	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR **MODEL** 6.5NH-3CR **SPEC** 6000D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.** _____
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug RH			
167-1595	1	Cable, Spark Plug LH			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
502-0020	1	Elbow, Fuel			
501-0005	1	Line, Fuel			
155-1189	1	Elbow, Exhaust			
402-0364	1	Hardware Package, Mounting			
505-0057	1	Plug, Oil Adapter Tee			
304-0060	1	Resistor			

MODEL 6.5NH-3CR SPEC. 10621C

SUPPLEMENTARY PARTS LIST 900- 43 (per above model and spec.)
Parts listed below apply to the above model. Use these parts in
place of (or in addition to) the parts listed for Parts Key 5
in the standard parts catalog No. 940-0221

PART NO.	QUAN.	DESCRIPTION
		NOTE: Air Scroll is mounted left at 9:00 o'clock
155C1178	1	Muffler, Exhaust
201D1690	1	Rotor Assembly, Wound
220D1476	1	Stator Assembly, Wound

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-55DR **SPEC** 10760C
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1080

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
120-0187	1	Stud-Oil By Pass			
110-1974	2	Valve, Intake			
309-0010	1	Switch, Low Oil Pressure			
501-0003	1	Line, Oil			
508-0166	1	Grommet, Rubber			
134-2361	1	Scroll, Air			
134-2363	1	Housing, Blower			
193-0005	1	Guage, Oil Pressure			
502-0017	1	Connector Oil Guage			
149-0079	1	Filter, Fuel			
149-0150	1	Bowl, Fuel Filter			
149-0149	1	Gasket, Fuel Filter			
149-0202	1	Screen, Fuel Filter			
134-0761	1	Spacer, Scroll Mounting			
140-1152	1	Bracket, Air Cleaner			
232-2287	1	Bracket, Stator Cover			
403-0976	1	Plate, Mounting			
501-0005	1	Line, Fuel			
502-0020	1	Elbow, Fuel Pump			
201-2329	1	Rotor Assembly, Generator			
302-0787	1	Meter, Control			
323-0805	1	Socket And Chassis Assembly			
332-0706	1	Block, Terminal			
332-0707	1	Strip, Marker			
301-3372	1	Box, Control			
301-3414	1	Cover-Control Box			
302-0058	1	Ammeter, Control			
302-0551	1	Voltmeter, Control			
Not supplied by Onan					
Muffler Exhaust					

MODEL 6.5NH-5DR SPEC. 10760C

SUPPLEMENTARY PARTS LIST 900- 43 (per above model and spec.)
Parts listed below apply to the above model. Use these parts in
place of (or in addition to) the parts listed for Parts Key_____
in the standard parts catalog No. 940-0221

PART NO.	QUAN.	DESCRIPTION
		NOTE: This Model is Vacuum Flo Cooled Also is a Mobile Unit
134-2361	1	Scroll, Air
134-2363	1	Housing, Blower
193-0005	1	Gauge, Oil Pressure
502-0005	1	Elbow, Oil Pressure Gauge
403-0976	1	Plate, Mounting
201-1701	1	Rotor Assy., Wound
220-1476	1	Stator Assy., Wound
301-3372	1	Box, Control
301-3414	1	Cover, Control Box
302-0058	1	Ammeter
302-0551	1	Voltmeter
302-0787	1	Meter, Running Time
332-0706	1	Block, Terminal
332-0707	1	Strip, Marker
110-1719	2	Valve, Exhaust
110-1756	2	Valve, Intake
110-1932	2	Insert - Intake Valve Seat
110-1932-02	2	.002" Oversize
110-1932-05	2	.005" Oversize
110-1932-10	2	.010" Oversize
110-1932-25	2	.025" Oversize
		Parts Not Furnished by ONAN:
		Muffler

MODEL 6.5NII-3CRSPEC. 11360C

SUPPLEMENTARY PARTS LIST 900- 43 (per above model and spec.)
Parts listed below apply to the above model. Use these parts in
place of (or in addition to) the parts listed for Parts Key _____
in the standard parts catalog No. 940-0221 .

PART NO.	QUAN.	DESCRIPTION
154C1471	1	Manifold, Exhaust
517-114	1	Plug, Dot Button - Top Blower Housing
201D1690	1	Rotor Assembly, Wound
220D1476	1	Stator Assembly, Wound
		Not Furnished by Onan: Muffler

MODEL 6.5NH-3CRSPEC. 11494C

SUPPLEMENTARY PARTS LIST 900- 43 (per above model and spec.)
Parts listed below apply to the above model. Use these parts in
place of (or in addition to) the parts listed for Parts Key_____
in the standard parts catalog No. 940-0221

PART NO.	QUAN.	DESCRIPTION
		NOTE: Air Scroll is mounted left at 9:00 o'clock.
154C1471	1	Manifold, Exhaust
134A2320	1	Scroll, Air
134B761	1	Spacer, Scroll Mounting
201D1690	1	Rotor Assembly, Wound
220D1476	1	Stator Assembly, Wound
		Not Furnished by Onan: Muffler

WIRING DIAGRAM NO. 611-1086

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SPECIAL PARTS LIST FOR **MODEL** 5.5NH-57R **SPEC** 12000D
FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
505-0057	1	Plug, Adapter Oil Tee			
501-0005	1	Line, Fuel			
150-1189	1	Elbow, Exhaust			
403-0364	1	Hardware Package, Mounting			
304-0060	1	Resistor			
201-2330	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR **MODEL** 6.5 ~~50~~ -3CR **SPEC** 12000D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
336-2139	1	Lead, Pump To Breaker			
501-0005	1	Line, Fuel			
155-1189	1	Elbow, Exhaust			
505-0057	1	Plug, Oil Adapter Tee			
304-0060	1	Resistor			
402-0364	1	Hardware Package, Mounting			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53CR **SPEC** 12001D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
501-0005	1	Line, Fuel			
155-1189	1	Elbow, Pipe Exhaust			
403-1010	1	Plate, Mounting			
402-0364	1	Hardware Packaged, Mounting			
201-1905	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
505-0057	1	Plug, Oil Adapter Tee			
337-0122	1	Strap, Ground			

PARTS LIST FOR **MODEL** 5.5NH-55DR **SPEC** 12001D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.** _____
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
501-0005	1	Line, Fuel			
155-1189	1	Elbow, Pipe Exhaust			
403-1010	1	Plate, Mounting			
337-0122	1	Strap, Ground			
505-0057	1	Plug, Oil Adapter Tee			
201-2329	1	Rotor Assembly, Generator			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-57R **SPEC** 12001D
FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
505-0057	1	Plug, Adapter Oil Tee			
337-0122	1	Strap, Ground			
501-0005	1	Line Fuel			
155-1189	1	Elbow, Pipe Exhaust			
201-2330	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
403-1010	1	Plate, Mounting			

WIRING DIAGRAM NO. 611-1086-01

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53CR **SPEC** 12009D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
154-1525	1	Manifold, Exhaust			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
402-0364	1	Hardware Packaged, Mounting			
201-1905	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
505-0057	1	Plug, Adapter Tee			

WIRING DIAGRAM NO. 611-1086-01

SPECIAL PARTS LIST FOR MODEL 6.5NH-3CR SPEC 12009D
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
336-2139	1	Lead, Pump To Breaker			
154-1525	1	Manifold, Exhaust			
153-0227	1	Link-Choke			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
402-0364	1	Hardware Package, Mounting			
134-3039	1	Housing, Blower			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 5.5NH-53CR SPEC 12012D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
134-2039	1	Housing, Blower			
154-1524	1	Manifold, Exhaust LH			
153-0227	1	Link-Choke			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
402-0264	1	Hardware Packaged, Mounting			
201-1905	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
505-0057	1	Plug, Adapter Tee			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-55DR **SPEC** 12012D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.** _____
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
336-2139	1	Lead, Pump To Breaker			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
134-2039	1	Housing, Air			
154-1524	1	Manifold, Exhaust LH			
153-0227	1	Link-Choke			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger			
402-0364	1	Hardware Package, Mounting			
337-0122	1	Strap, Ground			
505-0057	1	Plug, Adapter Oil Tee			
201-2329	1	Rotor Assembly, Generator			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 5.5NH-57R SPEC 12012D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
134-2039	1	Housing, Blower			
336-2139	1	Lead, Pump To Breaker			
154-1424	1	Manifold, Exhaust			
153-0227	1	Link-Choke			
505-0057	1	Plug, Adapter Oil Tee			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp Muffler			
155-1239	1	Bracket, Hanger Muffler			
402-0364	1	Hardware Package, Mounting			
201-2330	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR MODEL 6.5NH-3CR SPEC 12012D
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
336-2139	1	Lead, Pump To Breaker			
134-2039	1	Housing, Blower			
154-1524	1	Manifold, Exhaust			
153-0227	1	Link, Choke			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
402-0364	1	Hardware Package, Mounting			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 6.5NH-4R SPEC 12012D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	1	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1595	1	Cable, Spark Plug RH			
134-2039	1	Housing, Blower			
153-0227	1	Link, Choke			
402-0364	1	Hardware Package, Mounting			
336-2139	1	Lead, Pump To Breaker			
154-1524	1	Manifold, Exhaust			
155-1240	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
201-1913	1	Rotor Assembly, Generator			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53BR **SPEC** 12013D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
134-3039	1	Housing, Blower			
154-1525	1	Manifold, Exhaust			
153-0227	1	Link, Choke			
201-1909	1	Rotor Assembly, Generator			
501-0005	1	Line, Fuel			
154-1578	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	2	Bracket, Hanger Muffler			
403-1010	1	Plate, Mounting			
402-0364	1	Hardware Packaged, Mounting			
304-0060	1	Resistor			
505-0057	1	Plug, Oil Adapter Tee			
337-0122	1	Strap, Ground			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53CR **SPEC** 12013D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
134-3039	1	Housing, Blower			
153-0227	1	Link-Choke			
501-0005	1	Line, Fuel			
154-1525	1	Manifold, Exhaust			
154-1578	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
403-1010	1	Plate, Mounting			
402-0364	1	Hardware Packaged, Mounting			
201-1905	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
337-0122	1	Strap, Ground			
505-0057	1	Plug, Adapter Tee			

SPECIAL PARTS LIST FOR MODEL 5.5NH-57R SPEC 12013D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug			
167-1596	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2139	1	Lead, Pump To Breaker			
134-2039	1	Housing, Blower			
153-0227	1	Link-Choke			
154-1525	1	Manifold, Exhaust			
154-1578	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Muffler Hanger			
505-0057	1	Plug, Adapter Oil Tee			
403-1010	1	Plate, Mounting			
337-0122	1	Strap, Ground			
201-2330	1	Rotor Assembly, Generator			
304-0960	1	Resistor			

SPECIAL PARTS LIST FOR **MODEL** 6.5NH-3CR **SPEC** 12013D
FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
336-2139	1	Lead, Pump To Breaker			
134-2039	1	Housing, Blower			
153-0227	1	Link, Choke			
403-1010	1	Plate, Mounting			
337-0122	1	Strap, Ground			
154-1578	1	Tube, Exhaust			
154-1525	1	Mainifold, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR **MODEL** 5.5NH-53BR **SPEC** 12014D
 FOR STANDARD PARTS REFER TO **CATALOG** 940-0221 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
336-2139	1	Lead, Pump To Breaker			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil Ignition			
134-2039	1	Housing, Blower			
154-1524	1	Manifold, Exhaust LH			
153-0227	1	Link-Choice			
501-0005	1	Line, Fuel			
154-1578	1	Tube, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	2	Bracket, Hanger Muffler			
403-1010	1	Plate, Mounting			
402-0364	1	Hardware Packaged, Mounting			
201-1909	1	Rotor Assembly, Generator			
304-0060	1	Resistor			
337-0122	1	Strap, Ground			
505-0057	1	Plug, Oil Adapter Tee			

SPECIAL PARTS LIST FOR MODEL 6.5NH-3CR SPEC 12014D
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
166-0643	1	Coil, Ignition			
167-0237	2	Plug, Spark			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
336-2139	1	Lead, Pump To Breaker			
134-2039	1	Housing, Blower			
153-0227	1	Link, Choke			
403-1010	1	Plate, Mounting			
337-0122	1	Strap, Ground			
154-1578	1	Tube, Exhaust			
154-1524	1	Manifold, Exhaust			
155-1239	2	Clamp, Muffler			
155-1234	1	Bracket, Hanger Muffler			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 5.5NH-599R SPEC 12027D
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug RH			
167-1595	1	Cable, Spark Plug LH			
336-2139	1	Lead, Pump To Breaker			
505-0057	1	Plug, Adapter Oil Tee			
309-0077	1	Switch, High Temperature			
508-0056	2	Washer, Flat Fibre			
134-2531	1	Scroll, Air			
508-0031	1	Grommet			
332-0556	1	Connector, Lead			
155-1189	1	Elbow, Pipe Exhaust			
501-0005	1	Line, Fuel			
402-0364	1	Hardware Package, Mounting			
201-1909	1	Rotor Assembly, Generator			
304-0006	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 5.5NH-57R SPEC 122/6D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. 611-1086-05

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug RH			
167-1595	1	Cable, Spark Plug LH			
166-0643	1	Coil, Ignition			
505-0057	1	Plug, Adapter Oil Tee			
309-0077	1	Switch, Hig Temperature			
508-0056	2	Washer, Flat Fibre			
134-2351	1	Scroll, Air			
508-0031	1	Grommet, Rubber			
332-0556	1	Connector, Lead			
336-2139	1	Lead, Pump To Breaker			
201-2330	1	Rotor Assembly, Generator			
304-0060	1	Resistor			

SPECIAL PARTS LIST FOR MODEL 5.5NH-57R SPEC 14307D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1111-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
110-1974	2	Valve, Intake			
102-0765	1	Base, Oil			
502-0058	1	Tee, Low Oil Pressure Switch			
104-0909	1	Flywheel			
134-2363	1	Housing, Blower			
336-2147	1	Lead, Switch to Breaker			
134-2361	1	Scroll, Air			
517-0009	1	Button, Housing			
508-0008	1	Grommet			
307-1340	1	Valve, Fuel Solenoid			
502-0196	1	Elbow, Fuel Line			
332-0556	1	Connector, Lead Fuel Valve			
332-1554	1	Clamp, Fuel Line			
167-1595	1	Cable, Spark Plug LH			
167-1596	1	Cable, Spark Plug RH			
166-0643	1	Coil, Ignition			
193-0220	1	Bracket-Oil Guage Mounting			
193-0068	1	Gauge, Oil Pressure			
502-0005	1	Elbow, Oil Line To Gauge			
301-3647	1	Bracket, Control Mounting			
338-0720	1	Wiring Harness			
307-0845	1	Solenoid, Start			
307-1052	1	Relay, Stop			
305-0383	1	Relay, Voltage Regulator			
323-0805	1	Socket and Chassis Assembly			
301-3306	1	Spring, Relay Hold-Down			
300-0734	1	Amplifier Assy - Includes Parts Marked With *			
362-0010	1	*Transistor			
359-0028	1	*Diode Zener			
350-0985	1	*Resistor, 820-OHM, 2 Watt			
350-0397	1	*Resistor, 2700-OHM, ½ Watt			
350-0979	1	*Resistor, 470-OHM, 2 Watt			
307-1070	1	Relay, Start Disconnect			
301-3307	1	Spacer, Relay to Amplifier			
302-0058	1	Ammeter-Charge			
302-0758	1	Meter-Running Time			
302-0551	1	Voltmeter			
353-0006	1	Resistor Fixed			
332-0592	1	Jumper			
304-0632	1	Resistor, Adjustable			
304-0251	1	Resistor, Fixed			
308-0154	1	Switch, Start Stop			
332-0706	1	Block, Terminal			
332-0707	1	Strip, Marker			
301-3628	1	Box, Control			
301-3414	1	Cover, Control Box			
508-0004	1	Grommet			
331-0088	2	Grommet			
201-2330	1	Rotor Assembly, Generator			

SPECIAL PARTS LIST FOR MODEL 5.5NH-53BR SPEC 15868D
FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1086

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
167-0237	2	Plug, Spark			
167-1596	1	Cable, Spark Plug			
167-1595	1	Cable, Spark Plug			
166-0643	1	Coil, Ignition			
336-2193	1	Lead, Pump To Breaker			
134-3039	1	Housing, Blower			
134-2528	1	Scroll, Air			
309-0077	1	Switch, High Temperature			
508-0056	2	Washer, Flat Fibre			
508-0031	1	Grommet, Rubber			
332-0556	1	Connector, Lead			
160-0144	1	Strap, Ground			
154-1525	1	Manifold, Exhaust			
153-0227	1	Link-Choke			
201-1909	1	Rotor Assembly, Generator			
403-1010	1	Plate, Mounting			
402-0364	1	Hardware Packaged, Mounting			
304-0060	1	Resistor			
505-0057	1	Plug, Oil Adapter Tee			
337-0122	1	Strap, Ground			

SPECIAL PARTS LIST FOR MODEL 5.5NH-53BR SPEC 23869D
 FOR STANDARD PARTS REFER TO CATALOG 940-0221 KEY NO. -
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. (AC) 611-1111-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
110-2340	1	Block assembly, cylinder (refer to standard cylinder block for components, except parts marked #)			
509-0168	2	#Seal, valve - intake			
110-2281	2	#Guide, valve - intake			
505-0056	1	Plug, oil drain			
505-0050	1	Elbow, oil drain			
502-0058	1	Tee, street pipe - low oil pressure switch			
104-0909	1	Flywheel			
134-2363	1	Housing, blower			
501-0015	1	Line, oil (16" long)			
517-0009	1	Button, dot (2" hole)			
134-3049	1	Scroll, air			
508-0008	1	Grommet, rubber - oil line			
201-1909	1	Rotor assembly, generator			
Note: This unit is manufactured with a spec C control. Refer to the spec C control for components, except parts marked *.					
301-3628	1	*Box, control			
301-3414	1	*Cover, control box			
302-0058	1	*Ammeter (DC)			
302-0758	1	*Meter, hour			
302-0551	1	*Voltmeter (AC)			
306-0232	1	*Relay, start - disconnect			
332-0706	1	*Block, terminal			
332-0707	1	*Strip, marker			
338-1187	1	*Harness, wiring - voltmeter			
501-0122	1	Line, fuel pump to carburetor			